

April 9, 2019

DVP-190007

Director, Air Management Division Attention: A-3-3 U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, California 94105-3901

Subject: Desert View Power 1st Quarter, Quarterly Emission Report for 2019.

RE:

A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 1st Quarter, Quarterly Emissions Report for 2019 for Desert View Power
 - Emissions summary reports for each permitted pollutant for our two boilers.
 - Excess emissions reports from each of our two CEMS.

This report covers the period from January 01, 2019 to March 31, 2019. 1If you have questions or comments, please feel free to call me at (760) 262-1653.

Sincerely,

James Russell Huff Mai

Vice President of CA operations / Plant Manager



Enclosure

cc: Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Air Pollution Control Officer

Attention: Mr. David Jones, AQAC Supervisor

South Coast Air Quality Management District

21865 E. Copley Drive

Diamond Bar, CA 91765-4182

Air Division Director

U.S. Environmental Protection Agency

Attention: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901

EMISSIONS SUMMARIES

BOILER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

 $NOx\ ppm$

SOx lb/MMBtu .

SOx Ib/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1,2019 to March 31,2019

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - a. Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

Process problems:

0.0 hr

Other known problems:

0.0 hr

Unknown problems: e.

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00%²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction:

 $0.0 \, \mathrm{hr}$

- b. Non-monitor equipment malfunction:
 - 0.0 hr
- Quality assurance calibration: d. Other known causes:
- 0.0 hr

Unknown causes:

18.0 hr 0.0 hr

2. Total CMS downtime:

C.

e.

- 18.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.86%²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summarv¹

]	L.	Duration	of	excess	emissions	in	reporting	neriod	duo	٠
		~ .					TOPOT CITIQ	PETTOU	aue	1 ():

Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr

c. Process problems: 0.0 hr d.

Other known problems: 0.0 hr Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

- Monitor equipment malfunction: a. 0.0 hr b. Non-monitor equipment malfunction:
- 0.0 hr c. Quality assurance calibration: 0.0 hr
- Other known causes: d. 21.0 hr e.
- Unknown causes: 0.0 hr Total CMS downtime: 21.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.01% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO_x

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summarv¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
	~ .		/						

a. Startup/Shutdown: 0.0 hr Control equipment problems: h 0.0 hr

c. Process problems: 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr Total duration of excess emissions:

2. 0.0 hr Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0%²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

> Monitor equipment malfunction: a. 0.0 hr

> b. Non-monitor equipment malfunction: 0.0 hr

> c. Quality assurance calibration: 0.0 hr

> d. Other known causes: 14.0 hr

Unknown causes: e. 0.0 hr

2. Total CMS downtime: 14.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.67%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NOx

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 22085.0 hr

Emission Summary¹

- 1. Duration of excess emissions in reporting period due to:
 a. Startup/Shutdown:
 0.0 hr
 - b. Control equipment problems:

 c. Process problems:

 d. Other known problems:

 0.0 hr
 - d. Other known problems:

 e. Unknown problems:

 1.0 hr
 0.0 hr
- 2. Total duration of excess emissions:

 0.0 hr
 1.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.05% 2

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 d. Other known causes: 11.0 hr
 - e. Unknown causes: 11.0 hr
- 2. Total CMS downtime:

 0.0 hr
 11.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.53% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO_{x}

Emissions limitation(s): 94 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summarv¹

1.	Durati	on of	excess	emissions	in	reporting	period	due	to.
	a. S	tartur	\Shutda	awa •		1	7 0 1	auc	

startup/Shutdown: 0.0 hrb. Control equipment problems: 0.0 hr c. Process problems:

0.0 hr d. Other known problems: $0.0 \, \mathrm{hr}$

Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr

Non-monitor equipment malfunction: 0.0 hr Quality assurance calibration:

0.0 hr Other known causes:

14.0 hr

Unknown causes: 0.0 hr 2. Total CMS downtime: 14.0 hr

(Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time =0. $\tilde{6}7\%$ ²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60 7(0) shall be submitted 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085 hr or

125,100 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

0 min 0 min

- b. Control equipment problems:
- 0 min

Process problems: d. Other known problems:

0 min

Unknown problems:

0 min

- 2. Total duration of excess emissions:
- 0 min
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.244%²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: a.

0 min

- b. Non-monitor equipment malfunction:
- 0 min
- Quality assurance calibration: Other known causes: d.
- 0 min 1224 min

Unknown causes: e.

0 min

Total CMS downtime:

c.

- 1224 min
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.0154%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summarv¹

-		_							
-1	$D_{11} \times c + i \times c$	~ =		emissions	•				-
1 -		()1	PXCPSS	emissions	ı'n	ranartina	noriod	4110	+ ~ •
	Datacton	O <u>T</u>				TCDOTCTIIG	DETTOG	uue	1.01

- a. Startup/Shutdown:

 b. Control equipment problems:

 0.0 hr

 0.0 hr
- c. Process problems:d. Other known problems:0.0 hr
- e. Unknown problems: 0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hrc. Ouality assurance calibration: 0.0 hr
 - c. Quality assurance calibration: 0.0 hrd. Other known causes: 18.0 hr
 - e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 0.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.86% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1,2019 to March 31,2019

Pollutant: SO_x

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown: a.

0.0 hr

Control equipment problems: b.

0.0 hr

c. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

Unknown problems:

0.0 hr

Total duration of excess emissions: 2.

0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = $0.\overline{00}$ % ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction:

 $0.0 \, \mathrm{hr}$

b. Non-monitor equipment malfunction:

0.0 hr

Quality assurance calibration: d.

 $0.0 \, \mathrm{hr}$

Other known causes: Unknown causes:

15.0 hr

Total CMS downtime:

0.0 hr

2.

15.0 hr

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.72%
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: SOx

2.

Emissions limitation(s): 27 ppm @ 3% O_2 .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	period	dua	+0.
	2 C+		. / (2)				PCLICA	auc	LU.

a. Startup/Shutdown:

b. Control equipment problems:

c. Process problems:

0.0 hr

d. Other known problems:
0.0 hr
0.0 hr

e. Unknown problems: 0.0 hr
Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hr
 c. Quality assurance calibration: 0.0 hr
 - d. Other known causes:
 0.0 hr
 18.0 hr
- e. Unknown causes:

 7. Total CMS downtime:

 18.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.86% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

EMISSIONS SUMMARIES

BOILER #2

CO lb/hr

 ${\rm CO}~{\rm ppm}$

NOx lb/MMBtu

NOx lb/br

 $NOx\ ppm$

SOx lb/MMBtu

SOx lb/br

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant:

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1. a.
 - Startup/Shutdown:

0.0 hr

- Control equipment problems: b.
- 0.0 hr

c. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

e. Unknown problems:

- $0.0 \, \mathrm{hr}$
- Total duration of excess emissions: 2.
- 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction:
- 0.0 hr
- b. Non-monitor equipment malfunction:
- 0.0 hr
- Quality assurance calibration: C. d.
- $0.0 \, \mathrm{hr}$

Other known causes: Unknown causes: e.

93.0 hr 0.0 hr

2. Total CMS downtime:

- 93.0 hr 3. (Total CMS downtime) / (Total source operating time) x
 - (100%) = % of Total source operating time = 4.63%² For opacity, record all times in minutes. For gases, record all times in hours.
 - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O₂.

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

Τ.	Duration	ΟÍ	excess	emissions	in	reporting	neriod	مريم	+
	a Stai	r+11r	1/Chu+ de			reporting	berroa	aue	CO:

Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr Process problems: 0.0 hr Other known problems: d. 0.0 hr Unknown problems:

0.0 hr Total duration of excess emissions: 2. 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

Monitor equipment malfunction: 0.0 hr Non-monitor equipment malfunction: b. 0.0 hr

Quality assurance calibration: C. 0.0 hr Other known causes: d.

76.0 hr e. Unknown causes: 0.0 hr

Total CMS downtime: 76.0 hr (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.78%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO_x

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CA

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1821.0 hr

Emission Summary¹

1	D			- DILL .	22 TOI1	Sun	unary*			
1.	Durat	lon of	excess	emis	sions	in	reporting	non-11	-1	
	a.	Startur)/Shutdo	oran .	010110	T11			aue	to:
							(0.0 hr		
	b.	Contro]	l equipr	nent	proble	ms.).0 hr		
	_	_			1		' '	7 . (7 11 f		

c. Process problems:
0.0 hr
d. Other known problems:
0.0 hr

e. Unknown problems:

7. Total duration of excess emissions:

0.0 hr

3. Total duration of excess emissions: 0.0 hr time x 100% = % of Total source operating time = 0.0% 2

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hrc. Quality assurance calibration: 0.0 hr
 - d. Other known causes:
 0.0 hr
 61.0 hr
- e. Unknown causes:

 2. Total CMS downtime:

 61.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.04% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO_{x}

2.

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period:

Emission Summary¹

1.	Duration	of	excess	emissions	in	roporting	2021		
	~.	. –	/	CHITODIOIIS	7.11	reporting	berrod	aue	to:

a. Startup/Shutdown: 0.0 hr b. Control equipment problems:

0.0 hr c. Process problems: $0.0 \, \mathrm{hr}$

Other known problems: d. 0.0 hr Unknown problems:

0.0 hr Total duration of excess emissions: 2. 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

Quality assurance calibration: c. 0.0 hr

d. Other known causes: 83.0 hr

Unknown causes: $0.0 \, \mathrm{hr}$ Total CMS downtime:

83.0 hr (Total CMS downtime) / (Total source operating time) x

(100%) = % of Total source operating time = 4.13%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO_{\star}

Emissions limitation(s): 94 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

1	Duration			~ 411	und i y			
⊥ •	Duracion (JI excess	emissions	in	ronomti-			
	Duration o	123	CHITOSTONS	77.11	reborring	period	due	†n•

a. Startup/Shutdown: 0.0 hr Control equipment problems: b. 0.0 hr c. Process problems: 0.0 hr d. Other known problems:

0.0 hr Unknown problems: e. $0.0 \, \mathrm{hr}$

Total duration of excess emissions: 2. $0.0 \, \mathrm{hr}$ Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% 2

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr b.
 - Non-monitor equipment malfunction: 0.0 hr Quality assurance calibration: С. 0.0 hr
 - d. Other known causes: 61.0 hr
- Unknown causes: 0.0 hr 2. Total CMS downtime:
- 61.0 hr (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 3.04% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019 Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc. LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr or 120,540 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown: b.
 - 0 min Control equipment problems: 0 min
 - c. Process problems: d.
 - 0 min Other known problems: 0 min
 - Unknown problems:
- 0 min
- Total duration of excess emissions:

- 0 min
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary1

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: a. 0 min
 - Non-monitor equipment malfunction: b. c. Quality assurance calibration:
- 0 min

Other known causes: d.

0 min 1224 min

Unknown causes:

0 min

2. Total CMS downtime:

- 1224 min
- (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 1.0154% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: SO_{x}

2.

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

1	D	_		OII	Dun	шпату-			
⊥.	puration	on ot	PYCASS	emissions	2				
		· · · · ·	CACCOS	CHITSSTOHS	$\pm n$	reporting	neriad	dua	+
	a Ct	- 2 rt 11	p/Shut.do		_	- op or cring	PCLIUU	uue	LO:
	u.	-a⊥ uu	סבונותם עס	own•		,	` ^ '		

Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr c. Process problems: 0.0 hr d. Other known problems: 0.0 hr Unknown problems: 0.0 hr

Total duration of excess emissions: 0.0 hr Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% ²

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: а. 0.0 hr Non-monitor equipment malfunction: b.
 - $0.0 \, \mathrm{hr}$ Quality assurance calibration: c.
 - 0.0 hr Other known causes: d.
 - 61.0 hr Unknown causes: e.
- 0.0 hr 2. Total CMS downtime: 61.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.04%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total CMS downtime is 5 percent or greater of the total constinct time, both the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the average emission report described in the summary report form and the summary report for the operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019 Pollutant:

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

2.

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	nonica	-i	
	a. Sta:	rtur)/Shut.do	own.		reporting	beriod	aue	to:

- Startup/Shutdown: 0.0 hr Control equipment problems: 0.0 hr C. Process problems: 0.0 hr d. Other known problems: 0.0 hr Unknown problems: $0.0 \, \mathrm{hr}$
- Total duration of excess emissions: 0.0 hr Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% 2

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr Quality assurance calibration: 0.0 hr
 - d. Other known causes: 81.0 hr Unknown causes:
- 0.0 hr Total CMS downtime: 2. 81.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 4.03%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ 3% O₂.

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1. a. $0.0 \, \mathrm{hr}$
 - Startup/Shutdown: b. Control equipment problems:

0.0 hr

c. Process problems:

0.0 hr

d. Other known problems: e.

0.0 hr

Unknown problems: 2.

0.0 hr

- Total duration of excess emissions: 0.0 hr 3.
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr
 - Non-monitor equipment malfunction: b.
 - 0.0 hr 0.0 hr
 - Quality assurance calibration: Other known causes: d.
- 61.0 hr

Unknown causes: e.

0.0 hr

Total CMS downtime:

- 61.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.04%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

14 hours

Total duration

Colmac Energy NOx lb/mmBtu CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

14 hours

Colmac Energy NOx lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Start	End	Duration	Reason	Action
2/12/2019 1:00 PM	1:59 PM			
			maintenance.	Maintenance complete, CEM back in service.
		1 hour	CEM out of service for maintenance.	Maintenance complete, CEN back in service.
	6:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
2/15/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for	Maintenance complete, CEM
2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for	back in service. Maintenance complete, CEM
2/19/2019 7:00 AM	7:59 AM	1 hour	maintenance. CEM out of service for	back in service. Maintenance complete, CEM
3/4/2019 12:00 AM	6:59 AM	7 hours	maintenance. CEM out of service for	back in service.
3/11/2019 11:00 AM	11 59 AM		maintenance.	Maintenance complete, CEM back in service.
			CEM out of service for maintenance.	Maintenance complete, CEM back in service.
5/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	2/12/2019 1:00 PM 2/15/2019 1:00 PM 2/15/2019 5:00 PM 2/15/2019 8:00 PM 2/18/2019 7:00 AM 2/19/2019 7:00 AM	2/12/2019 1:00 PM 1:59 PM 2/15/2019 1:00 PM 1:59 PM 2/15/2019 5:00 PM 6:59 PM 2/15/2019 8:00 PM 9:59 PM 2/18/2019 7:00 AM 7:59 AM 2/19/2019 7:00 AM 7:59 AM 3/4/2019 12:00 AM 6:59 AM 3/11/2019 11:00 AM 11:59 AM	2/12/2019 1:00 PM 1:59 PM 1 hour 2/15/2019 1:00 PM 1:59 PM 1 hour 2/15/2019 5:00 PM 6:59 PM 2 hours 2/15/2019 8:00 PM 9:59 PM 2 hours 2/18/2019 7:00 AM 7:59 AM 1 hour 2/19/2019 7:00 AM 7:59 AM 1 hour 3/4/2019 12:00 AM 6:59 AM 7 hours 3/11/2019 11:00 AM 11:59 AM 1 hour	2/12/2019 1:00 PM 1:59 PM 1 hour CEM out of service for maintenance. 2/15/2019 1:00 PM 1:59 PM 1 hour CEM out of service for maintenance. 2/15/2019 5:00 PM 6:59 PM 2 hours CEM out of service for maintenance. 2/15/2019 8:00 PM 9:59 PM 2 hours CEM out of service for maintenance. 2/18/2019 7:00 AM 7:59 AM 1 hour CEM out of service for maintenance. 2/19/2019 7:00 AM 7:59 AM 1 hour CEM out of service for maintenance. 3/4/2019 12:00 AM 6:59 AM 7 hours CEM out of service for maintenance. 3/11/2019 11:00 AM 11:59 AM 1 hour CEM out of service for maintenance. 3/25/2019 9:00 AM 10:59 AM 2 hours CEM out of service for maintenance.

Total duration

18 hours

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/15/2019 5:00 PM	6:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/15/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration 18 hours

Colmac Energy SO2 lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

	End	Duration	Reason	Action
2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
2/15/2019 5:00 PM	6:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
2/15/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	2/15/2019 5:00 PM 2/15/2019 8:00 PM 2/18/2019 7:00 AM 2/19/2019 7:00 AM 3/4/2019 12:00 AM	2/15/2019 5:00 PM 6:59 PM 2/15/2019 8:00 PM 9:59 PM 2/18/2019 7:00 AM 7:59 AM 2/19/2019 7:00 AM 7:59 AM 3/4/2019 12:00 AM 6:59 AM	2/15/2019 5:00 PM 6:59 PM 2 hours 2/15/2019 8:00 PM 9:59 PM 2 hours 2/18/2019 7:00 AM 7:59 AM 1 hour 2/19/2019 7:00 AM 7:59 AM 1 hour 3/4/2019 12:00 AM 6:59 AM 7 hours	2/15/2019 5:00 PM 6:59 PM 2 hours CEM out of service for maintenance. 2/15/2019 8:00 PM 9:59 PM 2 hours CEM out of service for maintenance. 2/18/2019 7:00 AM 7:59 AM 1 hour CEM out of service for maintenance. 2/19/2019 7:00 AM 7:59 AM 1 hour CEM out of service for maintenance. 3/4/2019 12:00 AM 6:59 AM 7 hours CEM out of service for maintenance. 3/11/2019 11:00 AM 11:59 AM 1 hour CEM out of service for maintenance.

Total duration

15 hours

Colmac Energy CO ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	1/5/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	2/2/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/11/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/12/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/26/2019 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration 21 hours

Colmac Energy CO lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	1/5/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	2/2/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/11/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/12/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/26/2019 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

18 hours

EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	1/15/2019 2:00 AM	10:59 AM	9 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

61 hours

Colmac Energy
NOx lb/mmBtu CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	1/15/2019 2:00 AM	10:59 AM	9 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

61 hours

Colmac Energy
NOx lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	1/8/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	1/10/2019 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	1/15/2019 2:00 AM	12:59 PM	11 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/11/2019 10:00 AM	11:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/11/2019 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/12/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/12/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/14/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/16/2019 12:00 AM	8:59 AM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
IOx lb/hr	3/16/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	3/26/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/29/2019 9:00 PM	9:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/30/2019 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		83 hours		

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	1/15/2019 2:00 AM	10:59 AM	9 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

61 hours

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action	
SO2 lb/mmBtu	1/10/2019 5:00 AM	6:59 AM	2 hours CEM out of service for maintenance.		Maintenance completed, CEM back in service.	
SO2 lb/mmBtu	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.	
SO2 lb/mmBtu	1/15/2019 2:00 AM	10:59 AM	9 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.	
SO2 lb/mmBtu	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 _. lb/mmBtu	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
SO2 lb/mmBtu	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	

Total duration

61 hours

Colmac Energy SO2 lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action		
SO2 lb/hr	1/8/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
SO2 lb/hr	1/10/2019 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
SO2 lb/hr	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
SO2 lb/hr	1/15/2019 2:00 AM	12:59 PM	11 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
SO2 lb/hr	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/11/2019 10:00 AM	11:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/11/2019 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/12/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/12/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/14/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/16/2019 12:00 AM	8:59 AM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/16/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
SO2 lb/hr	3/26/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	3/29/2019 9:00 PM	9:59 PM	1 hour	CEM out of service for	Maintenance complete, CEM
SO2 lb/hr	3/30/2019 2:00 PM	2:59 PM	1 hour	maintenance. CEM out of service for maintenance.	back in service. Maintenance complete, CEM back in service.
	Total duration		81 hours		

Colmac Energy
CO ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action		
CO ppm @3% O2	1/5/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO ppm @3% O2	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO ppm @3% O2	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO ppm @3% O2	1/15/2019 2:00 AM	11:59 AM	10 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO ppm @3% O2	2/2/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/4/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/23/2019 6:00 AM	10:59 AM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO ppm @3% O2	3/26/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM
CO ppm @3% O2	3/30/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	back in service. Maintenance complete, CEM back in service.
T	otal duration		76 hours		

Colmac Energy CO lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	eter Start End		Duration	Reason	Action		
CO lb/hr	1/5/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO lb/hr	1/8/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO lb/hr	1/10/2019 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO lb/hr	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO lb/hr	1/15/2019 2:00 AM	12:59 PM	11 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.		
CO lb/hr	2/2/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/4/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/11/2019 10:00 AM	11:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/11/2019 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/12/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/12/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/14/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/16/2019 12:00 AM	8:59 AM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.		

Parameter	Start	End	Duration	Reason	Action	
CO lb/hr	3/16/2019 3:00 PM 3:59 PM 1 hour CEM out of service for maintenance.		CEM out of service for maintenance.	Maintenance complete, CEM back in service.		
CO lb/hr	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO lb/hr	3/23/2019 6:00 AM	10:59 AM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO lb/hr	3/26/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO lb/hr	3/29/2019 9:00 PM	9:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO lb/hr	3/30/2019 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO lb/hr	3/30/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
	Total duration		93 hours			

EMISSIONS DOWNTIME REPORT STACK CEMS

Boilers Stack CEMS Downtime

Colmac Energy
Opacity % 6-Min Avg CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start End Duration Reason		Reason	Action		
Opacity % 6-Min Avg	1/31/2019 2:30 PM	4:35 PM	2 hours, 6 minutes	Opacity monitor out of service	The state of the s	
Opacity % 6-Min Avg	3/20/2019 11:54 AM	1:53 PM	2 hours	for maintenance. Not specified	monito back in service.	

Total duration

4 hours, 6 minutes

EXCESS EMISSIONS REPORTS BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Mass	1 ::4	D	A - 4!
i didifictei	Otari	End	Duration	Value	Min	Max	Limit	Reason	Action
•	·								

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

_									
Parameter	Start	End	Duration	Value	N Aim		1 ::	D	A 11
arameter	Otart	⊨na	Duration	Value	Min	Max	Limit	Reason	Action
									7 (00,011

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Davamatas	C44	F	D.,	1/-1	1 4.				A 44
Parameter	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
			D 0.000.			max		1 (00001)	ACCOLL

Colmac Energy
NOx lbs/day Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	N Aim	N 4	1 : :4	D	À 10
i didiliotoi	Otart	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
									, 1011011

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

D	~								The state of the s
Parameter	Start	End	Duration	Value	Min	Max	1 ::4	D	A
	O.G., C	Lilu	Duration	Value	IVIII I	Max	Limit	Reason	Action
									, 1011011
									The state of the s

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

Doromotor	Charle	End	~							
Parameter	Start	Ena	Duration	Value	Min	Max	Limit	Reason	Action	
						max	C111111C	1 (Cason	Action	

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Doromotor	Ctant		D	3.7 . 1				_	
Parameter	Start	⊨na	Duration	Value	Min	Max	Limit	Reason	Action
		_,,,	Daradon	value	141111	WILL	-111111	i (Cason	Action

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

D /	•									
Parameter	Start	ニュイ	Dunation	\ / = 1	8.41			_		*******
, araniotoi	Otalit	⊨nd	Duration	Value	Min	Max	Limit	Reason	A -4:	
					******	IVIUA	C-IIIII.	11Casuli	Action	
									, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	

EXCESS EMISSIONS REPORTS BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

			~						
Doromotor	Ctort	End	Duration	Value	N.Aim	Max	l innit	Doggon	Action
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	ACTION
						4.1			

Colmac Energy
NOx lb/mmbtu 30 SOD Rlq Avq Excess Emissions for 1/1/2019 thru 3/31/2019

			OD 11197119	LXCC33 L	11113310113	101 1/1/2	O 13 tinu	3/3/1/2019	• .
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

							*		
Parameter	Ctort		Dunation	1/-1	h 4:	N.4	1 7 14	D .	
raianietei	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
									71011011

Colmac Energy NOx lbs/day Excess Emissions for 1/1/2019 thru 3/31/2019

Darameter	Ctort	F1	D						
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
			24.44.011	• alac	141111	IVIGA	Little	11603011	Action

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	May	Limit	Reason	Action
i arameter	Start	LIIG	Duration	value	IVIIII	Max	LIIIII	Reason	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Ctort	F1	5						
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
									71011011

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

Doromotor	C44	F1	5						
Parameter	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	A ation
			Daradon	Value	141111	IVIGA	LITTIC	11602011	Action

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

	-						·		
Parameter	Start	End	Duration	\/alua	MAin	Max	1 ::4	D	A 1*
· aramoto.	Otali	LIIU	Duration	Value	Min	Max	Limit	Reason	Action
		~							

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

_									
Parameter	Start	End	Duration	1/01	N 41				
T GIGINOLOI	Otart	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
									7.00.01.

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	\/aliia	8 Ai	8.4	1 : 14	D	A 11
i alametei	Start	⊨na	Duration	Value	Min	Max	Limit	Reason	Action

EXCESS EMISSIONS REPORTS STACK CEMS

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 3-Min Avg Excess Emissions for 1/1/2019 thru 3/31/2019

_										-
Parameter	Start	End	Duration	1/-1	h 41	14	1 14	D		
i didifictei	Otali	⊨nd	Duration	Value	IVIIII	Max	Limit	Reason	Action	

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 6-Min Avg Excess Emissions for 1/1/2019 thru 3/31/2019

	<u> </u>								
Parameter	Start	End	Duration	\/alua	N #1:	N.A	1 : :4	D	A
i didiliotoi	Otart	⊨na	Duration	Value	Min	Max	Limit	Reason	Action
		and the second s							7 (01(0))

South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns*This written report is <u>in addition to</u> requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

Tel: (909) 396-3385 www.aqmd.gov

Quality of the St. St.	n I - Operator I						
1. Facili	ty Name (Business)	Name of Operator That Appears On Pe	rmit): 2. Valid A AQMD)		le On Permit Or Invoice Issued By		
Des	sert View Pow	er			100154		
		co 200 Cone Malmas D					
3. Addre	ess: re incident occurred)	62-300 Gene Welmas Dr	Street Address				
(wriei	e incident occurred)	Mecca	52531/1551	CA	92254		
		Wecca	City	State	Zip		
4 Mailir	ng Address:	Same As Above					
	erent from Item 3)		Street Address				
					7:		
5 Provi	ide the name title a	and phone number of the person to c	City contact for further information:	State	Zip		
J. 110VI	ac are name, and, c	and priority manuaction and persons are					
	Ke	vin Lawrence	Operations Manager	(760	0) 262-1644		
autoria di Bara		Name	Title	er Sing of Single Singl	Phone #		
بك عاق عندة	<u>a da sulla littat partit etta vallada</u>	of Breakdowns, Deviations,	and Emergencies				
	written notification	is to report a(n):	Verhal Penert Due*	Written Report Due			
	e of Incident		Verbal Report Due*	: :	from when the emission limit was		
а. [Emergency unde	r Rule 3002(g)	Within 1 hour of discovery	Within 2 working days from when the emission limit was exceeded.			
b. [Breakdown under		3	For Rules 430 & 2004	- Within 7 calendar days after		
_	Rule 430 (No	on-RECLAIM)	For Rules 430 & 2004 - Within 1 hour of discovery.	breakdown is corrected, but no later than 30 days from start of the breakdown, unless a written extension is			
	Rule 2004 (F	RECLAIM)	For Rule 218 – Within 24 hours or next business	granted.			
1	Rule 218 (No [See Rule 21		day for failure/shutdown exceeding 24 hours	For Rule 218 - With re	quired semi-annual reports.		
c. [Deviation with ex [See Title V Pern	cess emissions nit, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of disc	overy of the deviation.		
d F	Other Deviation		None	With required semi-an	nual monitoring reports.		
u. L		nit, Section K, Condition Nos. 22D & 23	1				
		Lauda Lamam		02/08/2019	01:00 C AM		
2. The	incident was first d	scovered by: Louie Lopez	on Name	Date	Time PM		
		Operator #10		02/08/2019	01:19 (AM		
3. The	incident was first re	eported by: Operator #10 Name	e of AQMD Staff Person	Date	Time PM		
a. 🤄	Via Phone						
b . €	n Person		Notification Number	(Required): 547722			
4. Whe	en did the incident a	ctually occur? 02/08/20 Date	19 01:00 C AM Time				
Post 98	Received By:		Assigned By:	Inspector:			
	Date/Time Receive	d:	Date/Time Assigned:	Date/Time Re	ceived Assignment:		
AQMD	Date Delivered To		Date Reviewed Inspector Report:	Date Inspecte	d Facility:		
USE	Team:	Sector:	Breakdown/Deviation Notification No.	Date Complet	Date Completed Report:		
	Recommended Ac	tion: Cancel Notification G	rant Relief Issue NOV No	Other:			
1 2 4	Final Action:	Cancel Notification G	rant Relief Issue NOV No.	Other:			

		* *************************************							
5.	Has the incident stopped?	a. Yes, on:_		02/08/2019		02:00	⊖ам	b. O No	
				Date		Time	♠ PM	u. 0140	
6.	What was the total duration	of the incident?_		0		01			
7.	For equipment with an opera	ating cycle, as det	fined in Rule A	Days		Hours			
"	when was the end of the ope	erating cycle during	ng which the i	ncident occurred?		02/08/2019		01:00	Ам
8.	Describe the incident and id	entify each piece	of equipment	(by permit, applicat	ion, or device nu	Date Imber) affected. Atta	ch photos (wh	Time en available) of the at	● PM ffected
	equipment and attach addition	onai pages as nec	cessary.						
	We were experiencing the NOx was high due	I nigher NOx a to source of	averages th	ne two hours pr ied This inflated	eceding the d	daily CEM calibra	ation. Imme	diately after calib	oration
9.	The incident may have result		ruoi benig i	ca. This inhated	the the illia	nour.			
	a. 🗷 Violation of Permit Con	r-	PA Permi	t CB-OP 99-0	1 II.A.15				
	b. Violation of AQMD Rule	e(s):							****
10.	What was the probable cause		Attach additi	onal pages as nece	ssary.				
	As a result of higher N	lOx averages	for the firs	t two hours befo	ore calibratio	n, and high N Ox	readings a	fter unit 1 CEM c	ame out
	of daily calibration we	were unable	to bring do	wn the NOx be	cause of the	shorten third hou	ır.		
11.	Did the incident result in exc	ess emissions?	○ No · ·	Yes (Complete the	following and att	ach calculations.)			
	□ voc	lbs 5	XI NOx	31.000 _{lb}	ь Пеп	, v	lha	☐ H2S	ii
	□ co			lb					
12.	For RECLAIM facilities Subje					er:	lbs		pollutant
,	when determining complianc	e with your annua	al allocations?	xcess emissions of	NOX anu/or SO	were reported in ite	m 11, ao you w	ant these emissions	to be counted
	a. (Yes, for: NOx			□NOx □S					
	If box 12(b) above is checked, i								
13.	Describe the steps taken to cavoid future incidents. Includ	orrect the probler e photos of the fa	n (i.e., steps ta iiled equipmen	eken to mitigate exc It if available and at	ess emissions, tach additional r	equipment repairs, et	c.) and the pre	ventative measures e	employed to
	Reduced fuel feed, low						/ increased	l boiler O2 incre	asad air
	flow and change the fu	el source to le	ower 3-hr a	verage.	, , , , , , , , , , , , , , , , , , ,				acca an
	Was the facility operating pro	perly prior to the	incident?						
	a. • Yes b. O No	, because:							
	Did the incident result from op		lect or improp	er operation or mai	ntenance proced	fures?			
	a. Yes b. • No	, because:							
16.	Has the facility returned to con	npliance?							
	a. No, because:								
	b. Yes (Attach evidence su	ch as emissions ca	alculations, con	temporaneous opera	ting logs or other	credible evidence.)			
Sec	tion III - Certification S	atement	(a.s.daraši) riji ištiški						ike Hitshark
l cer	tify under penalty of law that b	ased on informat	ion and belief	formed after reasor	nable inquiry the	statements and info	rmation in this	document and in all	ottochmente
and	other materials are true, accur	ate, and complete	е.			o catalogica and imp	imadon in this	oocdinent and in an	attachments
For	Title V Facilities ONLY:	l also certify unde	er penalty of la	w that that I am the	responsible off	icial for this facility a	s defined in AC	MD Regulation XXX.	
1. Si	gnature of Responsible Official				T	onsible Official:			
1	James Cot	Mura	The state of the s			Vice President	of Californ	nia Operations	
3 P	Int Name:	XO			4. Date:				
	Jan	າes R Huffm	ian		001	lasta all	2		
5 Ph	one#:				04	09/2019	<u> </u>	-	
J. 1 11			_		6. Fax #:				
		393-130	8						
7. Ad	dress of Responsible Official:								
		ene Wemas	Drive			ecca	CA	92253	
Street	#			City			State	Zip	

Colmac Energy Mecca, CA

Boiler 1 Daily Emissions Report February 8, 2019

Emission Limits

Daily NOx lbs- 648

30-Day Rolling NOx lb/mmBtu - 0.3 SO2 lb/mmBtu - 1.2

Hour	O2%	NOx ppm	NOx ppm @3% O2	NOx lb/mmBtu	NOx lbs	SO2 ppm	SO2 ppm @3% O2	SO2 lb/mmBtu	SO2 lbs	CO ppm	CO ppm @3% O2	CO lb/mmBtu	CO lbs	Process Status
00	8.8	42.8	63.3	0.088	27.05	9.5	14.1	0.027	8.34	10.0	14.8	0.013	3.84	Normal
01	8.8	39.2	58.0	0.081	24.86	10.8	16.0	0.031	9.52	10.0	14.8	0.013	3.87	Normal
02	8.7	42.3	62.1	0.087	26.78	8.0	11.7	0.023	7.07	10.0	14.7	0.012	3.85	Normal
03	9.0	38.3	57.6	0.080	24.30	10.5	15.8	0.031	9.29	10.0	15.0	0.013	3.86	Normal
04	8.9	42.0	62.7	0.087	27.06	9.4	14.0	0.027	8.39	10.0	14.9	0.013	3.92	Normal
05	8.9	39.8	59.4	0.083	25.43	11.0	16.4	0.032	9.76	10.0	14.9	0.013	3.89	Normal
06	9.0	38.7	58.2	0.081	24.22	12.4	18.7	0.036	10.83	10.0	15.0	0.013	3.81	Normal
07	9.5	40.5	63.6	0.089	25.45	11.9	18.7	0.036	10.34	10.0	15.7	0.013	3.82	Normal
08	9.2	41.6	63.6	0.089	26.24	10.4	15.9	0.031	9.16	10.0	15.3	0.013	3.83	Normal
09	9.5	39.4	61.9	0.086	24.68	13.1	20.6	0.040	11.45	10.0	15.7	0.013	3.81	Normal
- 10	9.4	42.0	65.4	0.091	26.39	11.3	17.6	0.034	9.88	10.0	15.6	0.013	3.82	Normal
11	9.8	42.1	67.9	0.095	28.01	10.4	16.8	0.033	9.34	10.0	16.1	0.014	4.05	Normal
12	8.7	53.2	78.1	0.109	37.97	5.6	8.2	0.016	5.50	10.0	14.7	0.012	4.29	Normal
13	8.8	31.4	46.5	0.065	20.64	8.4	12.4	0.024	7.67	10.0	14.8	0.013	4.00	Normal
14	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Invai	Invai	Inval	Inval	Inval	Normal
15	Inval	Inval	Invai	Inval	Inval	Inval	Inval	inval	Inval	Inval	inval	Inval	Invai	Normal
16	Inval	Inval	Invai	Inval	Inval	Inval	Inval	invai	Inval	Inval	Inval	Inval	Inval	Normal
17	Inval	inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
18	Inval	Inval	Inval	inval	Inval	inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
19	invai	inval	inval	Invai	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
20	Inval	Inval	Inval	Inval	Inval	inval	Inval	Inval	Inval	Invai	invai	inval	Inval	Normal
21	Inval	Inval	invai	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
22	Inval	Inval	Inval	Inval	Inval	Invai	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
23	inval	Inval	Inval	invai	invai	inval	Inval	inval	Inval	Inval	Inval	inval	Inval	Normal
Average	9.1	41.0	62.0	0.087	200.00	10.2	15.5	0.030	126.54	10.0	15.1	0.013	54.7	
Total 30-Day RIng				0.081	369.08			0.025	120.54				34.7	
365-Day Ring									54172					

Boiler 1 Excess Emissions

Colmac Energy NOx lb/hr 3-Hr Rolling Excess Emissions for 2/8/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
NOx lb/hr 3-Hr Rolling	2/8/2019 12:00 PM	12:59 PM	1 hour	31.0	31.0	31.0	30	Not specified	
Total	duration		1 hour						

April 9, 2019

DVP-190007

Director, Air Management Division Attention: A-3-3 U.S. Environmental Protection Agency 75 Hawthorne Street San Francisco, California 94105-3901

Subject: Desert View Power 1st Quarter, Quarterly Emission Report for 2019.

RE:

A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

- 1) 1st Quarter, Quarterly Emissions Report for 2019 for Desert View Power
 - Emissions summary reports for each permitted pollutant for our two boilers.
 - Excess emissions reports from each of our two CEMS.

This report covers the period from January 01, 2019 to March 31, 2019. 1lf you have questions or comments, please feel free to call me at (760) 262-1653.

Sincerely,

The state of the s

Vice President of CA operations / Plant Manager



Enclosure

cc: Chief, Stationary Source Division

California Air Resources Board

P.O. Box 2815

Sacramento, CA 95814

Air Pollution Control Officer

Attention: Mr. David Jones, AQAC Supervisor

South Coast Air Quality Management District

21865 E. Copley Drive

Diamond Bar, CA 91765-4182

Air Division Director

U.S. Environmental Protection Agency

Attention: AIR-5

75 Hawthorne Street

San Francisco, California 94105-3901

EMISSIONS SUMMARIES

BOILER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/br

NOx ppm

SOx Ib/MMBtu .

SOx Ib/hr

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1,2019 to March 31,2019

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085 hr Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

C. Process problems:

0.0 hr

d. Other known problems:

0.0 hr

e. Unknown problems:

- 0.0 hr
- Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - а. Monitor equipment malfunction:

0.0 hr

- Non-monitor equipment malfunction: b.
- 0.0 hr
- c. Quality assurance calibration:
- 0.0 hr

d. Other known causes: Unknown causes:

18.0 hr 0.0 hr

2. Total CMS downtime:

e.

- 18.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.86%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summarv¹

1	. •	Duration	of	excess	emissions	in	reporting	period	due	t 0 ·
								POLICA	auc	\sim

Startup/Shutdown: 0.0 hr Control equipment problems: b. 0.0 hr

C. Process problems: 0.0 hr d. Other known problems: 0.0 hr

e. Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

Monitor equipment malfunction: a. 0.0 hr b. Non-monitor equipment malfunction: 0.0 hr

C. Quality assurance calibration: 0.0 hr

Other known causes: d. 21.0 hr

Unknown causes: e. $0.0 \, \mathrm{hr}$ 2. Total CMS downtime:

21.0 hr (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 1.01% ²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NOx

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summarv¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
						-000-0-119	PCTTCG	auc	co.

		_	<i>J</i> L	
a.	Startup/Shutdown:		0.0	hr
b.	Control equipment problems:		0.0	hr
c.	Process problems:		0.0	hr
d.	Other known problems:		0.0	hr

e. Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

		•	
a.	Monitor equipment malfunction:	0.0	hr
b.	Non-monitor equipment malfunction:	0.0	hr
c.	Quality assurance calibration:	0.0	hr
d.	Other known causes:	14.0	hr
e.	Unknown causes:	0.0	hr
	3 mars - 3		

2. Total CMS downtime: 14.0 hr

(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.67% ²

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO_{\times}

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 22085.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

0.0 hr

b. Control equipment problems:

 $0.0 \, \mathrm{hr}$

Process problems: c. d. Other known problems:

0.0 hr

e. Unknown problems: 1.0 hr

0.0 hr

Total duration of excess emissions: 2.

1.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.05% 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: a.

 $0.0 \, \mathrm{hr}$ 0.0 hr

Non-monitor equipment malfunction: b. c. Quality assurance calibration:

0.0 hr

Other known causes: d.

11.0 hr

Unknown causes: e.

0.0 hr

Total CMS downtime:

11.0 hr

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.53% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO_x

Emissions limitation(s): 94 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summary¹

1.	Duration o	f excess	emissions	in	reporting	period	due	to:
	n 0++	. /01 . 1			1	1	~~~	· ·

		PO	-04
a.	Startup/Shutdown:	0.0 h	ır
b.	Control equipment problems:	0.0 h	ır
c.	Process problems:	0.0 h	ır
d.	Other known problems:	0.0 h	nr
e.	Unknown problems:	0.0 h	ır

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

a.	Monitor equipment malfunction:	0.0 hr
b.	Non-monitor equipment malfunction:	0.0 hr
c.	Quality assurance calibration:	0.0 hr
d.	Other known causes:	14.0 hr
e.	Unknown causes:	0.0 hr

2. Total CMS downtime: 0.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time =0.67% ²

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085 hr or

125,100 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - a. Startup/Shutdown:

0 min

b. Control equipment problems:

0 min 0 min

c. Process problems:

0 min

d. Other known problems: e. Unknown problems:

Total duration of excess emissions:

0 min

0 min

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = $0.\overline{244}\%$ 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

0 min

Monitor equipment malfunction: Non-monitor equipment malfunction: b.

0 min

Quality assurance calibration: c. d. Other known causes:

0 min 1224 min

Unknown causes:

0 min

2. Total CMS downtime:

a.

1224 min

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.0154%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summarv¹

-		_							
1.	Duration	ΟÍ	excess	emissions	in	reporting	period	due	to:

		-Possing Possion
a.	Startup/Shutdown:	0.0 hr
b.	Control equipment problems:	0.0 hr
c.	Process problems:	0.0 hr
d.	Other known problems:	0.0 hr
e.	Unknown problems:	0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

- a. Monitor equipment malfunction: 0.0 hr
 b. Non-monitor equipment malfunction: 0.0 hr
 c. Quality assurance calibration: 0.0 hr
 d. Other known causes: 18.0 hr
 e. Unknown causes: 0.0 hr
 Total CMS downtime: 18.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.86% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1,2019 to March 31,2019

Pollutant: SO_x

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summary¹

⊥•	Duration	ΟÏ	excess	emissions	in	reporting	neriod	dua	+0.
	- 01		1				PCLICA	auc	LU.

Startup/Shutdown: 0.0 hr Control equipment problems: b. 0.0 hr c. Process problems: 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr Total duration of excess emissions:

0.0 hr Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = $0.\overline{00}$ % 2

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: 0.0 hr b.
 - Non-monitor equipment malfunction: 0.0 hr
 - Quality assurance calibration: 0.0 hr d.
 - Other known causes: 15.0 hr Unknown causes:
- 0.0 hr 2. Total CMS downtime: 15.0 hr
- (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 0.72%
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: SO

Emissions limitation(s): 27 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 2085.0 hr

Emission Summary¹

- 1. Duration of excess emissions in reporting period due to:
 - Startup/Shutdown:

0.0 hr

- b. Control equipment problems:
- 0.0 hr

Process problems:

0.0 hr

d. Other known problems:

0.0 hr

Unknown problems:

- 0.0 hr
- Total duration of excess emissions: 2.

- 0.0 hr
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction:
- 0.0 hr
- b. Non-monitor equipment malfunction:
- 0.0 hr
- Quality assurance calibration: Other known causes:
- 0.0 hr 18.0 hr

Unknown causes: e.

0.0 hr

2. Total CMS downtime:

c.

- 18.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.86%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

EMISSIONS SUMMARIES

BOILER #2

CO Ib/hr

 ${\rm CO} \, {\rm ppm}$

NOx lb/MMBtu

NOx lb/br

NOx ppm

SOx lb/MMBtu

SOx lb/br

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr
Emission Summary¹

_									
1.	Duration	of	excess	emissions	in	reporting	neriod	duo	+ ~ •
						- op or cring	PCLIOG	uue	LO.

a. Startup/Shutdown: 0.0 hr

b. Control equipment problems: 0.0 hr

c. Process problems:d. Other known problems:0.0 hr

e. Unknown problems:

0.0 hr
0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

d. Other known causes:e. Unknown causes:93.0 hr0.0 hr

2. Total CMS downtime: 93.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 4.63% ²

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O₂.

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summarv1

1	D		
1.	υura	10n of excess emissions in reporting read)	
	а	ion of excess emissions in reporting period due to	၁:
		o careapy briataown:	
	b.	Control oquipment mult	
		Control equipment problems: 0.0 hr	

0.0 hr c. Process problems: 0.0 hr Other known problems: d.

0.0 hr Unknown problems: 0.0 hr

Total duration of excess emissions: 2. 0.0 hr Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

Monitor equipment malfunction: 0.0 hr b. Non-monitor equipment malfunction:

0.0 hr C. Quality assurance calibration: 0.0 hr

d. Other known causes: 76.0 hr

Unknown causes: е. 0.0 hr Total CMS downtime: 76.0 hr

(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.78% ²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO^{*}

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1821.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - a. Startup/Shutdown:

0.0 hr

b. Control equipment problems:

0.0 hr

Process problems:

0.0 hr

Other known problems: d.

0.0 hr

Unknown problems:

0.0 hr

Total duration of excess emissions: 2.

0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr
 - Non-monitor equipment malfunction: b. 0.0 hr c.
 - Quality assurance calibration: 0.0 hr Other known causes:
 - d. Unknown causes:

61.0 hr

0.0 hr

2. Total CMS downtime:

61.0 hr

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.04% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NO_x

2.

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

_Emission Summary¹

- The of the carried and the carried	0110 to
a. Startup/Shutdown:	uue to:
h Control ogginment world	
C Procoss problems	
d Others problems: 0.0 hr	
d. Other known problems: 0.0 hr	

e. Unknown problems:

2. Total duration of excess emissions:

0.0 hr
0.0 hr

3. Total duration of excess emissions: 0.0 hr
time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

- a. Monitor equipment malfunction: 0.0 hr
 b. Non-monitor equipment malfunction: 0.0 hr
 c. Quality assurance calibration: 0.0 hr
 d. Other known causes: 83.0 hr
- e. Unknown causes:
 Total CMS downtime:

 83.0 hr
- 3. (Total CMS downtime: 83.0 hr (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 4.13% 2
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: NOx

Emissions limitation(s): 94 ppm @ 3% O_2 .

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

1.	Duration	of excess	emissions	in	reporting	noried	ماريم	
	a Star	tun/Chuta	0		reporting	berrod	uue	LO:

- a. Startup/Shutdown:

 b. Control equipment problems:

 c. Process problems:

 d. Other known problems:

 0.0 hr
 0.0 hr
- e. Unknown problems:

 7. Total duration of excess emissions:

 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

- a. Monitor equipment malfunction: 0.0 hr
 b. Non-monitor equipment malfunction: 0.0 hr
- c. Quality assurance calibration: 0.0 hr
- d. Other known causes: 61.0 hr
- e. Unknown causes:

 2. Total CMS downtime:

 61.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 3.04% 2
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019 Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr or 120,540 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown: b.

- 0 min 0 min
- Control equipment problems: C. Process problems:
- 0 min

d.

Other known problems:

0 min

Unknown problems:

- 0 min
- Total duration of excess emissions:
- 0 min
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary1

- CMS downtime in reporting period due to: 1. Monitor equipment malfunction: a.
 - 0 min
 - b. Non-monitor equipment malfunction: Quality assurance calibration: c.
- 0 min 0 min

d. Other known causes:

1224 min

Unknown causes:

0 min

2. Total CMS downtime:

- 1224 min
- (Total CMS downtime) / (Total source operating time) xЗ. (100%) = % of Total source operating time = 1.0154% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60 7/01 shall be submitted

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: SO_{x}

2.

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

3	$D_{11}r_2 + \frac{1}{2}$	ion	~ £				and y			
- •	Durat	TOII	OT	excess	emissions	in	reporting	20 00 10 1	1	
	a (2+ ~~	+	/Shutdo	emissions		reporting	berrod	aue	to:
	a.	ocar	LUL)/Sniiraa	7147Th •		,	``^ .		

Startup/Shutdown: 0.0 hr Control equipment problems: 0.0 hr c. Process problems: 0.0 hr d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr Total duration of excess emissions:

0.0 hr Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr Non-monitor equipment malfunction: b.
 - 0.0 hr Quality assurance calibration: c. 0.0 hr
 - Other known causes: d. 61.0 hr
- e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 61.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.04%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019 Pollutant:

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summarv¹

1	D	_			Dun	шпату-			
⊥.	Duration	$\cap f$	AVCACC	omigaione					
	- 414 61 611	OT	CVCG22	emissions	1n	reporting	neriad	مررات	+
	a Star	r+11r	1/Chu+ de	emissions		repercing	period	aue	co:

- Startup/Shutdown: 0.0 hr Control equipment problems: b. 0.0 hr c. Process problems: 0.0 hr d. Other known problems: 0.0 hr Unknown problems: 0.0 hr
- 2. Total duration of excess emissions: $0.0 \, \mathrm{hr}$ Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr Non-monitor equipment malfunction: b. 0.0 hr
 - c. Quality assurance calibration: 0.0 hr d.
 - Other known causes: 81.0 hr Unknown causes: e.
- 0.0 hr 2. Total CMS downtime: 81.0 hr
- (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 4.03%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From January 1, 2019 to March 31, 2019

Pollutant: SO

Emissions limitation(s): 27 ppm @ 3% O₂.

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2009.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - a. Startup/Shutdown:
- 0.0 hr
- b. Control equipment problems: c.
- 0.0 hr

Process problems: d.

0.0 hr

Other known problems:

 $0.0 \, \mathrm{hr}$

e. Unknown problems:

- $0.0 \, \mathrm{hr}$
- Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary1

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr
 - Non-monitor equipment malfunction: b. 0.0 hr
 - С. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 61.0 hr
- Unknown causes: 0.0 hr 2.
 - Total CMS downtime: 61.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 3.04%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Colmac Energy NOx ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration 14 hours

Colmac Energy NOx lb/mmBtu CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy NOx lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter		Start	End	Duration	Reason	Action
NOx lb/hr		2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr		2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	·.	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr		3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr		3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/15/2019 5:00 PM	6:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/15/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/15/2019 5:00 PM	6:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/15/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration 18 hours

Colmac Energy SO2 lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	2/15/2019 5:00 PM	6:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	2/15/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
302 lb/hr	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy CO ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	1/5/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	2/2/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/11/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/12/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/15/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/25/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/26/2019 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy CO lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	1/5/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	2/2/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/11/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/12/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/12/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/18/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/19/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/4/2019 12:00 AM	6:59 AM	7 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/26/2019 8:00 AM	9:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	1/15/2019 2:00 AM	10:59 AM	9 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy
NOx lb/mmBtu CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	1/15/2019 2:00 AM	10:59 AM	9 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/mmBtu	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx Ib/mmBtu	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

61 hours

Colmac Energy NOx lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	1/8/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	1/10/2019 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	1/15/2019 2:00 AM	12:59 PM	11 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx lb/hr	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/11/2019 10:00 AM	11:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/11/2019 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/12/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/12/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/14/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/16/2019 12:00 AM	8:59 AM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/16/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	3/26/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/29/2019 9:00 PM	9:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	3/30/2019 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		83 hours		

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	1/15/2019 2:00 AM	10:59 AM	9 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 ppm @3% O2	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

61 hours

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	1/15/2019 2:00 AM	10:59 AM	9 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 _. lb/mmBtu	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

61 hours

Colmac Energy SO2 lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	1/8/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	1/10/2019 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	1/15/2019 2:00 AM	12:59 PM	11 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/hr	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/11/2019 10:00 AM	11:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/11/2019 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/12/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/12/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/14/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/16/2019 12:00 AM	8:59 AM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/16/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	3/26/2019 9:00 AM	10:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	3/29/2019 9:00 PM	9:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM
SO2 lb/hr	3/30/2019 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	back in service. Maintenance complete, CEM back in service.
	Total duration		81 hours		

Colmac Energy
CO ppm @3% O2 CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	1/5/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	1/10/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	1/15/2019 2:00 AM	11:59 AM	10 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO ppm @3% O2	2/2/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/3/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/4/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/11/2019 11:00 AM	11:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/12/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/16/2019 7:00 AM	8:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/23/2019 6:00 AM	10:59 AM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	3/26/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	3/30/2019 2:00 PM	6:59 PM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM
CO ppm @3% O2	3/30/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	back in service. Maintenance complete, CEM back in service.
T	otal duration		76 hours		

Colmac Energy CO lb/hr CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	1/5/2019 1:00 PM	3:59 PM	3 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	1/8/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	1/10/2019 3:00 AM	6:59 AM	4 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	1/12/2019 8:00 AM	7:59 PM	12 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	1/15/2019 2:00 AM	12:59 PM	11 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
CO lb/hr	2/2/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/5/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/23/2019 2:00 PM	11:59 PM	10 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	2/24/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/4/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/5/2019 10:00 PM	11:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/6/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/11/2019 10:00 AM	11:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/11/2019 9:00 PM	11:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/12/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/12/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/14/2019 1:00 PM	2:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/16/2019 12:00 AM	8:59 AM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	3/16/2019 3:00 PM	3:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/18/2019 12:00 PM	1:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/23/2019 6:00 AM	10:59 AM	5 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/26/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/29/2019 9:00 PM	9:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/30/2019 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	3/30/2019 8:00 PM	9:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		93 hours		

EMISSIONS DOWNTIME REPORT STACK CEMS

Boilers Stack CEMS Downtime

Colmac Energy
Opacity % 6-Min Avg CEMS Downtime for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	1/31/2019 2:30 PM	4:35 PM	2 hours, 6 minutes	Opacity monitor out of service	Maintenace complete, opacity
Opacity % 6-Min Avg	3/20/2019 11:54 AM	1:53 PM	2 hours	for maintenance. Not specified	monito back in service.
Tot	tal duration		41 2 1		

lotal duration

4 hours, 6 minutes

EXCESS EMISSIONS REPORTS BOILER #1 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Doromotor	C11	F1	D					_		
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	
				* alac	141111	IVIGA		Neason	Action	

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy NOx lbs/day Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	D							_
i arameter	Start	E110	Duration	Value	Min	Max	Limit	Dogcon	A adia m	
*****			Daiation	value	IV311.1	ivian	LHIIIL	Reason	Action	

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

	_				_				
Parameter	Start	End	Duration	1/01	N 4:	N 4	1 : :4	D	A
i didilicici	Otait	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action
									, 1011011

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Daramatar	Ctort	F	D					_	
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
			2 di dilon	value	141111	IVICIA	Limit	Neason	Action

Colmac Energy CO ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Dunatian	1/-1	1.41					
r araineter	Start	⊨nd	Duration	Value	Min	Max	Limit	Reason	Action	
									7 1011011	

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Daramatar	O11		—							
Parameter	Start	⊨nd	Duration	Value	N Aim	1100	1::4	D	A	
	Otalit	L.11G	Duration	Value	MIN	Max	Limit	Reason	Action	
									7 (0(1011	

EXCESS EMISSIONS REPORTS BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

									The state of the s
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy
NOx Ib/mmbtu 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

_									
Doromotor	Ctort	· ·	-						
Parameter	Start	End	Duration	Value	Min	Max	l innit	Danna	A _ 1 !
	O tall t	- I I U	Duration	value	Min	Max	Limit	Reason	Action
									, 1011011

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy NOx lbs/day Excess Emissions for 1/1/2019 thru 3/31/2019

D (
Parameter	Start	End	Duration	Value	B 4:	R 4	1 1 14	_	
	Otart	LIIU	Duration	Value	Min	Max	Limit	Reason	Action
									7 (0((0))

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Doromotor	044								
Parameter	Start	⊨nd	Duration	Value	Min	Max	1 imit	Doggon	A -4!
			Daration	Value	141111	IVIAA	Limit	Reason	Action

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Danamatan	01 1								
Parameter	Start	End	Duration	Value	Min	Max	Limit	Dooses	A -1:
			24,44011	Value	IVIIII	iviax	Limit	Reason	Action

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

Parameter	Start	End	Duration	Value	N.Aim	Mari	1 ::4	D	A 1'
i aramotor	Otart	Liiu	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 1/1/2019 thru 3/31/2019

D .	• •			-					······································
Parameter	Start	End	Duration	Value	Min	May	l innit	Daggar	A _4!
	Otalit	Liiu	Duration	Value	Min	Max	Limit	Reason	Action
			· · · · · · · · · · · · · · · · · · ·						

EXCESS EMISSIONS REPORTS STACK CEMS

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 3-Min Avg Excess Emissions for 1/1/2019 thru 3/31/2019

Darameter	Cturat	F1	D	1/-1	h 4!		4	_	A 44	
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	
	4.4		D 41 41011	· uiuo		IVIUA	-111111	1 (00301)	ACTOL	

There are no excess emissions for this report.

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 6-Min Avg Excess Emissions for 1/1/2019 thru 3/31/2019

_									
Parameter	Start	End.	Dumakian	1 / = l	1.4.			_	
i alametel	Start	Ena	Duration	Value	Min	Max	Limit	Reason	Action
						max		1 (043011	Action

There are no excess emissions for this report.

9

South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns

Mail To: SCAQMD P.O. Box 4941 Diamond Bar, CA 91765-0941

> Tel: (909) 396-3385 www.aqmd.gov

*This written report is in addition to requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

l. Fac	cility Name (Business	Name of Operator That Appears On Po	ermit): 2. Valid A		acility ID (Available On Permit Or Invoice Issued By			
D	esert View Pow	ver	NAMO	·/·	100154			
S Adv	dress:	62-300 Gene Welmas D	r.					
	nere incident occurred)	**************************************	Street Address					
		Месса		CA	92254			
			City	State	Zip			
	iling Address: lifferent from Item 3)	Same As Above	Street Address					
5. Pro	ovide the name, title, a	and phone number of the person to	City contact for further information:	State	State Zip			
	Ke	vin Lawrence	Operations Manager	(760	0) 262-1644			
		Name	Title		Phone #			
Secti	on II - Reporting	of Breakdowns, Deviations,	and Emergencies					
l. Thi	s written notification	is to report a(n):						
Ту	pe of Incident		Verbal Report Due*	Written Report Due				
a.	Emergency under	Rule 3002(g)	Within 1 hour of discovery	Within 2 working days exceeded.	from when the emission limit was			
b.	☐ Breakdown under ☐ Rule 430 (No ☐ Rule 2004 (R	on-RECLAIM)	For Rules 430 & 2004 - Within 1 hour of discovery.	For Rules 430 & 2004 - Within 7 calendar days after breakdown is corrected, but no later than 30 days fro start of the breakdown, unless a written extension is granted.				
	Rule 218 (No [See Rule 21		For Rule 218 – Within 24 hours or next business day for failure/shutdown exceeding 24 hours	For Rule 218 - With red	quired semi-annual reports.			
. C.	Deviation with exc See Title V Perm	cess emissions it, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of discovery of the deviation.				
d.	Other Deviation [See Title V Perm	it, Section K, Condition Nos. 22D & 23	None	With required semi-ann	nual monitoring reports.			
The	incident was first di	scovered by: Louie Lopez	on	02/08/2019	01:00 C AM			
	o morocate was mist an	scovered by.	Name	Date	Time PM			
. The	e incident was first re	ported by: Operator #10	on	02/08/2019	01:19 C AM			
	Via Phone	Name	e of AQMD Staff Person	Date	Time PM			
	In Person		Notification Number	(Required): 547722				
	en did the incident ac	ctually occur? 02/08/20		(Nequireu)				
hyp. W	Received By:	Jate	Assigned By:	Inspector:	Inspector:			
	Date/Time Received	l:	Date/Time Assigned:	Date/Time Received Assignment:				
QME	Date Delivered To T	eam:	Date Reviewed Inspector Report:	Date Inspected	l Facility:			
USE	Team:	Sector:	Breakdown/Deviation Notification No.	Date Complete	Date Completed Report: Other: Other:			
	Recommended Acti	on: Cancel Notification Gr	ant Relief Issue NOV No	Other:				
31.64	Final Action:	Cancel Notification Gr	ant Relief Issue NOV No	Other:				

5.	Has the incident stopped? a. ● Yes,	on:	02/08/2019	02:00	О ам	b. ○ No	
J.	That the moldent stopped?	OII	Date	Time	• PM	D. CINO	
6.	What was the total duration of the incide	nt?	0	01			
_	E La Maria de la Caracteria de la Caract	- 4.C 12. D.1. 4	Days	Hours			
1.	For equipment with an operating cycle, a when was the end of the operating cycle			02/08/20	19	01:00	AM
8.	Describe the incident and identify each pequipment and attach additional pages a		by permit, application,	Date or device number) affected.	Attach photos (wh	Time en available) of the a	● PM ffected
	We were experiencing higher N the NOx was high due to source				ilibration. Imme	diately after calib	oration
۵	The incident may have resulted in a:	or ider being in	eu. i ilis iriliateu tii	e the iliai flour.			
5.	a. 🔀 Violation of Permit Condition(s):	EPA Permi	CB-OP 99-01 I	I.A.15			
	b.	****					
10.	What was the probable cause of the incid	lent? Attach addition	onal pages as necessa	ry.			
	As a result of higher NOx averaged of daily calibration we were una			-	-	fter unit 1 CEM o	came out
11.	Did the incident result in excess emission	ns? 🗆 No 🏻 🤅	Yes (Complete the foll	owing and attach calculations.)		
	lbs	NOx	31.000 _{lbs}	□ SOx	lbs	☐ H2S	lbs
	lbs	□ PM	lbs	☐ Other:	lbs		pollutant
12.	For RECLAIM facilities Subject to Rule 20 when determining compliance with your	<i>004 (i)(3) ONLY:</i> If e annual allocations?	xcess emissions of NC	x and/or SOx were reported	in Item 11, do you v	want these emissions	to be counted
	a. Yes, for: NOx SOx	b. C No, for:	□NOx □SOx				
	If box 12(b) above is checked, include all infe	ormation specified in	Rule 2004(i)(3)(B) and (C), as applicable.			
13.	Describe the steps taken to correct the pravoid future incidents. Include photos of					eventative measures	employed to
	Reduced fuel feed, lowered furn flow and change the fuel source			e, increased ammonia	flow, increase	d boiler O2, incre	eased air
14	Was the facility operating properly prior t		verage.				
	a. • Yes b. O No, because:						
15.	Did the incident result from operator erro	r, neglect or improp	er operation or mainte	nance procedures?			
	a. C Yes b. No, because:						
16.	Has the facility returned to compliance?						
	a. C No, because:						
	b. • Yes (Attach evidence such as emissi	ions calculations, con	temporaneous operating	logs or other credible evidene	ce.)		
Se	ction III - Certification Statement		860. () () () () () () () () () (
	rtify under penalty of law that based on inf I other materials are true, accurate, and coi		formed after reasonab	le inquiry, the statements ar	nd information in th	is document and in a	Il attachments
For	Title V Facilities ONLY: X I also certif	y under penalty of l	aw that that I am the re	sponsible official for this fac	cility as defined in A	QMD Regulation XXX	ζ.
1. S	Signature of Responsible Officials		2	. Title of Responsible Officia	l:		
:	James Challe	11		Vice Presi	dent of Califo	rnia Operations	3
3 P	unt Name:		4	. Date:			
	James R H	uffman		02/09/20	2/9		
5. P	hone #:		. 6.	.Fax #:			
	(760) 393-	1308					
7. A	ddress of Responsible Official:						
	62-300 Gene We	mas Drive		Mecca	CA	9225	3
Stree			City	5000	State	Zip	-

Colmac Energy Mecca, CA

Boiler 1 Daily Emissions Report February 8, 2019

Emission Limits

Daily NOx lbs- 648

30-Day Rolling NOx lb/mmBtu - 0.3 SO2 lb/mmBtu - 1.2

Hour	02%	NOx ppm	NOx ppm @3% O2	NOx lb/mmBtu	NOx lbs	SO2 ppm	SO2 ppm @3% O2	SO2 lb/mmBtu	SO2 lbs	CO ppm	CO ppm @3% O2	CO lb/mmBtu	CO lbs	Process Status
00	8.8	42.8	63.3	0.088	27.05	9.5	14.1	0.027	8.34	10.0	14.8	0.013	3.84	Normal
01	8.8	39.2	58.0	0.081	24.86	10.8	16.0	0.031	9.52	10.0	14.8	0.013	3.87	Normal
02	8.7	42.3	62.1	0.087	26.78	8.0	11.7	0.023	7.07	10.0	14.7	0.012	3.85	Normal
03	9.0	38.3	57.6	0.080	24.30	10.5	15.8	0.031	9.29	10.0	15.0	0.013	3.86	Normal
04	8.9	42.0	62.7	0.087	27.06	9.4	14.0	0.027	8.39	10.0	14.9	0.013	3.92	Normal
05	8.9	39.8	59.4	0.083	25.43	11.0	16.4	0.032	9.76	10.0	14.9	0.013	3.89	Normal
06	9.0	38.7	58.2	0.081	24.22	12.4	18.7	0.036	10.83	10.0	15.0	0.013	3.81	Normal
07	9.5	40.5	63.6	0.089	25.45	11.9	18.7	0.036	10.34	10.0	15.7	0.013	3.82	Normal
08	9.2	41.6	63.6	0.089	26.24	10.4	15.9	0.031	9.16	10.0	15.3	0.013	3.83	Normal
09	9.5	39.4	61.9	0.086	24.68	13.1	20.6	0.040	11.45	10.0	15.7	0.013	3.81	Normal
- 10	9.4	42.0	65.4	0.091	26.39	11.3	17.6	0.034	9.88	10.0	15.6	0.013	3.82	Normal
11	9.8	42.1	67.9	0.095	(28.01)	10.4	16.8	0.033	9.34	10.0	16.1	0.014	4.05	Normal
12	8.7	53.2	78.1	0.109	37.97	5.6	8.2	0.016	5.50	10.0	14.7	0.012	4.29	Normal
13	8.8	31.4	46.5	0.065	20.64	8.4	12.4	0.024	7.67	10.0	14.8	0.013	4.00	Normal
14	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
15	invai	Inval	Inval	Inval	Invai	Inval	invai	Inval	Inval	Inval	Inval	Inval	Inval	Normal
16	inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	inval	inval	Inval	Normal
17	inval	invai	inval	Inval	Inval	Inval	Inval	inval	inval	Inval	Inval	Inval	Inval	Normal
18	Inval	Inval	invai	Inval	Inval	Inval	Inval	inval	Inval	Inval	Inval	inval	Inval	Normal
19	Inval	Inval	Inval	Inval	Inval	Invai	Inval	invai	inval	inval	inval	Inval	Inval	Normal
20	inval	Inval	Inval	Inval	Inval	inval	Invai	Inval	Inval	Inval	inval	Inval	invai	Normal
21	inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Inval	Inval	Normal
22	inval	Inval	invai	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	inval	Inval	Normal
23	inval	Inval	Inval	invai	Inval	Inval	Inval	Inval	inval	Inval	Inval	inval	inval	Normal
Average	9.1	41.0	62.0	0.087		40.0							111741	140111121
Total	J. 1	41.0	02.0	0.007	369.08	10.2	15.5	0.030	126.54	10.0	15.1	0.013	54.7	
30-Day Ring				0.081				0.025					J4.1	
365-Day Ring									54172					

Boiler 1 Excess Emissions

Colmac Energy NOx lb/hr 3-Hr Rolling Excess Emissions for 2/8/2019

NOx lb/hr 3-Hr Rolling 2/8/2019 12:00 PM 12:59 PM 1 hour 31.0 31.0 30 Not specified	Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
	NOx lb/hr 3-Hr Rolling	2/8/2019 12:00 PM	12:59 PM	1 hour	31.0	31.0	31.0	30	Not specified	

Total duration

1 hour

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.:

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - a. Startup/Shutdown:
- 0.0 hr 0.0 hr
- b. Control equipment problems:

Process problems: c.

0.0 hr

Other known problems: d.

0.0 hr

Unknown problems:

- 0.0 hr
- 2. Total duration of excess emissions:
- 0.0 hr
- Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00%²

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: a.
- 0.0 hr 0.0 hr
- Non-monitor equipment malfunction:
- 0.0 hr
- Quality assurance calibration: c. Other known causes: d.
- 27.0 hr

e. Unknown causes: 0.0 hr

Total CMS downtime:

2.

- 27.0 hr
- (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.51%²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 - For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.

Control equipment problems: 0.0 hr

b.

0.0 hr Process problems:

Other known problems:

0.0 hr

0.0 hr

Unknown problems:

0.0 hr

2. Total duration of excess emissions: 3.

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

- CMS Performance Summary¹ CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr
 - Non-monitor equipment malfunction: b. 0.0 hr c.
 - Quality assurance calibration: Other known causes: d.

0.0 hr

Unknown causes:

27.0 hr 0.0 hr

Total CMS downtime:

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.51% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted. 1. 2.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NO_x

2.

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary¹

Startup/Shutdown:	0.0 hr
Control equipment problems:	0.0 hr
Process problems:	0.0 hr
Other known problems:	0.0 hr
Unknown problems:	0.0 hr
	Control equipment problems: Process problems: Other known problems:

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

a.	Monitor equipment malfunction:	0.0	hr
b.	Non-monitor equipment malfunction:	0.0	hr
c.	Quality assurance calibration:	0.0	hr
d.	Other known causes:	16.0	hr
e.	Unknown causes:	0.0	hr
Total	l CMS downtime:	16.0	hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.90% ²

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NO_x

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period:

Emission Summary

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

0.0 hr

- Control equipment problems: b.
- $0.0 \, \mathrm{hr}$

Process problems: d.

0.0 hr

Other known problems:

0.0 hr

Unknown problems:

- 0.0 hr
- Total duration of excess emissions: 2.
- 0.0 hr Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.05% 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - a. Monitor equipment malfunction: b.
- 0.0 hr
- Non-monitor equipment malfunction: Quality assurance calibration: C.
- 0.0 hr

Other known causes: d.

0.0 hr 14.0 hr

e. Unknown causes:

0.0 hr

2.

Total CMS downtime:

- 14.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.78% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NOx

Emissions limitation(s): 94 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary¹

7	D				•			3	
	מסרדביווו	\sim T	$\Delta V \Delta \Delta C C$	AMICCIANC	7 7	roporting	202200	4110	+ ~ •
	DULGULUII	O_{\perp}	CVCCDD	emissions	T 1 1			(111)	1 ().

- a. Startup/Shutdown:

 b. Control equipment problems:

 c. Process problems:

 0.0 hr

 0.0 hr
 - d. Other known problems:

 e. Unknown problems:

 0.0 hr

 0.0 hr
- 2. Total duration of excess emissions: 0.0 hr
- 3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hr
 - b. Non-monitor equipment malfunction: 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 27.0 hr
- e. Unknown causes: 0.0 hr 2. Total CMS downtime: 27.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time =1.51% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330

Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786 hr or

107,160 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1. Startup/Shutdown:

0 min

Control equipment problems:

0 min 0 min

Process problems: d.

Other known problems:

0 min

Unknown problems:

0 min

Total duration of excess emissions:

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: b.

0 min

Non-monitor equipment malfunction: c. Quality assurance calibration:

0 min

Other known causes: d.

0 min 5070 min

Unknown causes: e.

0 min

2. Total CMS downtime:

2.

- 3. (Total CMS downtime) / (Total source operating time) x5070 min (100%) = % of Total source operating time = 4.7312%²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary¹

1.	Duration of excess emissions in report	ting period due to
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0%²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr
 - c. Quality assurance calibration: 0.0 hr
 - d. Other known causes: 17.0 hr
 - e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 17.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.95% 2
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant:

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary¹

Duration of excess emissions in reporting period due to: 1. Startup/Shutdown:

0.0 hr

- Control equipment problems: b.
- 0.0 hr

c. Process problems:

0.0 hr

Other known problems: d.

0.0 hr

Unknown problems:

0.0 hr

2.

- Total duration of excess emissions:
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction:
 - Non-monitor equipment malfunction: 0.0 hr b. $0.0 \, \mathrm{hr}$ c.
 - Quality assurance calibration: d.
- 0.0 hr

Other known causes: Unknown causes:

14.0 hr

Total CMS downtime:

- 0.0 hr
- 14.0 hr (Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 0.78% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1786.0 hr

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
			Shut.do			-) O hr		

a. Startup/Shutdown: 0.0 hr b. Control equipment problems: 0.0 hr

c. Process problems:d. Other known problems:0.0 hr0.0 hr

e. Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

a. Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

d. Other known causes: 17.0 hr
e. Unknown causes: 0.0 hr

e. Unknown causes: 0.0 hr 2. Total CMS downtime: 17.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.95% ²

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

EMISSIONS SUMMARIES BOILER #2

CO Ib/hr

 ${\rm CO}~{\rm ppm}$

NOx lb/MMBtu

NOx lb/br

NOx ppm

SOx lb/MMBfu

SOx lb/br

SOx ppm

Opacity

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: CO

2.

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr Emission Summary¹

Duration of excess emissions in reporting period due to: 1.

a. Startup/Shutdown:

0.0 hr b. Control equipment problems: 0.0 hr

c. Process problems: 0.0 hr

d. Other known problems: 0.0 hr

Unknown problems: 0.0 hr Total duration of excess emissions: 2.

0.0 hrTotal duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

a. Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr

c. Quality assurance calibration: 0.0 hr

Other known causes: d. 31.0 hr

e. Unknown causes: 0.0 hr Total CMS downtime: 31.0 hr

(Total CMS downtime) / (Total source operating time) x3. (100%) = % of Total source operating time = 1.73%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O₂.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summarv¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

 $0.0 \, \mathrm{hr}$

- Control equipment problems: b.
- 0.0 hr

c. Process problems:

0.0 hr

Other known problems:

0.0 hr

Unknown problems:

2.

- 0.0 hr
- Total duration of excess emissions:
- $0.0 \, \mathrm{hr}$
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% 2

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: a.
- 0.0 hr
- Non-monitor equipment malfunction: b. Quality assurance calibration:
- 0.0 hr

Other known causes: d.

0.0 hr 34.0 hr

e. Unknown causes:

0.0 hr

2. Total CMS downtime:

- 34.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.90% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted. 1. 2.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019 Pollutant: NO_{\star}

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary¹

1.	Duration	of	excess	emissions	in	reporting	period	due	to:
							_		

a.	Startup/Shutdown:	0.0 hr
b.	Control equipment problems:	0.0 hr
c.	Process problems:	0.0 hr
d.	Other known problems:	0.0 hr
_	IInlenous problems.	0 0 1

e. Unknown problems: 0.0 hr 2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

a.	Monitor equipment malfunction:	0.0	hr
b.	Non-monitor equipment malfunction:	0.0	hr
c.	Quality assurance calibration:	0.0	hr
d.	Other known causes:	22.0	hr
e.	Unknown causes:	0.0	hr
Total	CMS downtime.	22 0	hr

2. Total CMS downtime: 22.0 hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.23% ²

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NO_{x}

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAT

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1. Startup/Shutdown:

0.0 hr

- Control equipment problems:
- 0.0 hr

Process problems: d.

0.0 hr

Other known problems:

0.0 hr

Unknown problems:

2.

- 0.0 hr
- Total duration of excess emissions:
- Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

- 1. CMS downtime in reporting period due to:
 - Monitor equipment malfunction: b.
 - 0.0 hr
 - Non-monitor equipment malfunction: c. Quality assurance calibration:
 - 0.0 hr

d. Other known causes:

0.0 hr 16.0 hr

Unknown causes:

0.0 hr

Total CMS downtime:

2.

- 16.0 hr
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.89% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: NO.

Emissions limitation(s): 94 ppm @ 3% O_2 .

Monitor Manufacturer and Model No.:

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summarv¹

1.	Duration	of excess	emissions	in	reporting	period	due	to.
	2 C+2*	ctum/Chutal			1 9	F	auc	CO.

_	O+ 1 / O1	-	J 1
a.	Startup/Shutdown:		$0.0 \mathrm{hr}$
h	Combania		
b.	Control equipment problems:		0.0 hr
_			
c.	Process problems:		0.0 hr
۵	O+ b = 10 10 10 10 10 10 10 10 10 10 10 10 10		
a.	Other known problems:		0.0 hr
	<u> </u>		0.0 111

Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.00% ²

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

Monitor equipment malfunction: 0.0 hr

b. Non-monitor equipment malfunction: 0.0 hr c.

Quality assurance calibration: $0.0 \, \mathrm{hr}$ d.

Other known causes: 22.0 hr

Unknown causes: 0.0 hr Total CMS downtime: 22.0 hr

(Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 1.23%²

For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019 Pollutant: Opacity

Emissions limitation(s): 10% 3-min period. 20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330 Opacity-Monitor Labs Inc.

LightHawk 560

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr or 107,640 minutes

Emission Summary¹

- Duration of excess emissions in reporting period due to: 1.
 - Startup/Shutdown:

0 min

Control equipment problems:

0 min

c. Process problems:

0 min

Other known problems:

0 min

Unknown problems:

0 min

Total duration of excess emissions:

0 min

Total duration of excess emissions / Total source operating 3. time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

CMS downtime in reporting period due to: 1.

0 min

Monitor equipment malfunction: Non-monitor equipment malfunction: b.

0 min

Quality assurance calibration:

0 min

Other known causes: d. e. Unknown causes:

5070 min

2. Total CMS downtime:

2.

0 min

5070 min

- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 4.7101% ²
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary¹

1.	Duratio	on of	excess	emissions	in	reporting	period	due	to:
	a C+	- artur	1/Shutde	oun.			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

			[~
a.	Startup/Shutdown:		0.0	hr
b.	Control equipment	problems:	0.0	hr
c.	Process problems:	-	0.0	hr
d.	Other known proble	ems:	0.0	hr

e. Unknown problems: 0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

- a. Monitor equipment malfunction: 0.0 hrb. Non-monitor equipment malfunction: 0.0 hr
- c. Quality assurance calibration: 0.0 hrd. Other known causes: 23.0 hr
- d. Other known causes: 23.0 hr e. Unknown causes: 0.0 hr
- 2. Total CMS downtime: 23.0 hr
- 3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.28% ²
 - For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summary¹

1.	Durat	ion	o f	0		Dun	unaly-			
- •	Duruc	1011	OI	excess	emissions	in	reporting			
	a.	Star	+111)/Shutdo	emissions		reporting	period	due	to:
		Dear	. ւսբ	77 SHULU	JWII:		() () 1		•

Startup/Shutdown: 0.0 hr Control equipment problems: 0.0 hr Process problems: 0.0 hr Other known problems: d. 0.0 hr Unknown problems:

Total duration of excess emissions: 0.0 hr

0.0 hr Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% 2

CMS Performance Summary¹

- CMS downtime in reporting period due to: 1.
 - Monitor equipment malfunction: 0.0 hr Non-monitor equipment malfunction: b.
 - 0.0 hr Quality assurance calibration: c. 0.0 hr d.
- Other known causes: 17.0 hr e. Unknown causes:
- 0.0 hr2. Total CMS downtime: 17.0 hr 3.
- (Total CMS downtime) / (Total source operating time) x(100%) = % of Total source operating time = 0.95% 2
 - For opacity, record all times in minutes. For gases, record all times in hours. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60 7(c) shall be submitted

Desert View Power 62-300 Gene Welmas Drive Mecca, CA 92254

Reporting period dates: From April 1, 2019 to June 30, 2019

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ $3\% O_2$.

Monitor Manufacturer and Model No.: CAI

ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance

Test on

March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired

power plant. Two steam generating

boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 1794.0 hr

Emission Summarv¹

_									
	Duration	~ £	0110000		2			•	
1.	Duration	OT	excess	emissions	าท	renortina	neriod	dua	+~.
			4114400	emissions	-1-11	r cpor cring	PCTTOG	aue	LU.

a.	Startup/Shutdown:	0.0 hr
b.	Control equipment problems:	0.0 hr
c.	Process problems:	0.0 hr
d.	Other known problems:	0.0 hr
e.	Unknown problems:	0.0 hr

2. Total duration of excess emissions: 0.0 hr

3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% ²

CMS Performance Summary¹

1. CMS downtime in reporting period due to:

	are the second and the second and the	•	
a.	Monitor equipment malfunction:	0.0	
b.	Non-monitor equipment malfunction:	0.0	hr
C.	Quality assurance calibration:	0.0	
d.	Other known causes:	23.0	hr
e.	Unknown causes:	0.0	hr
Tota	al CMS downtime:	23.0	hr

3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.28% ²

For opacity, record all times in minutes. For gases, record all times in hours.
 For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in '60.7(c) shall be submitted.

EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Colmac Energy NOx ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	4/23/2019 6:00 PM	11:59 PM	6 hours	Startup	Startup completed
NOx ppm @3% O2	4/27/2019 12:00 PM	12:59 PM	1 hour	Shutdown	Shutdown completed
NOx ppm @3% O2	5/10/2019 2:00 PM	11:59 PM	10 hours	Startup	Startup completed
NOx ppm @3% O2	5/11/2019 12:00 AM	2:59 PM	15 hours	Startup	Startup completed
NOx ppm @3% O2	5/13/2019 5:00 AM	7:59 AM	3 hours	Startup	Startup completed
NOx ppm @3% O2	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
NOx ppm @3% O2	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy NOx lb/mmBtu CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	4/23/2019 6:00 PM	11:59 PM			
NOx lb/mmBtu			6 hours	Startup	Startup completed
	4/27/2019 12:00 PM	12:59 PM	1 hour	Shutdown	Shutdown completed
NOx lb/mmBtu	5/10/2019 2:00 PM	11:59 PM	10 hours	Startup	Startup completed
NOx lb/mmBtu	5/11/2019 12:00 AM	2:59 PM	15 hours	Startup	•
NOx lb/mmBtu	5/13/2019 5:00 AM	7:59 AM	3 hours	Startup	Startup completed
NOx lb/mmBtu	5/24/2019 7:00 AM	9:59 AM			Startup completed
NOx lb/mmBtu			3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
NOx lb/mmBtu	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		40 t		

Total duration

Colmac Energy
NOx lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	4/23/2019 6:00 PM	7:59 PM	2 hours	Startup	Startup completed
NOx lb/hr	4/29/2019 6:00 PM	9:59 PM	4 hours	Lost communication	Communitication restored
NOx lb/hr	5/10/2019 2:00 PM	2:59 PM	1 hour	Startup	Startup completed
NOx lb/hr	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx lb/hr	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
NOx lb/hr	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	6/23/2019 7:00 AM	7:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	4/23/2019 6:00 PM	44.50 014			Action
		11:59 PM	6 hours	Startup	Startup completed
SO2 ppm @3% O2	4/27/2019 12:00 PM	12:59 PM	1 hour	Shutdown	Shutdown completed
SO2 ppm @3% O2	5/10/2019 2:00 PM	11:59 PM	10 hours	Startup	·
SO2 ppm @3% O2	5/11/2019 12:00 AM	2:59 PM	15 hours	*	Startup completed
SO2 ppm @3% O2	5/13/2019 5:00 AM	7:59 AM		Startup	Startup completed
SO2 ppm @3% O2			3 hours	Startup	Startup completed
302 ppiii @3% 02	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for	CGA testing completed, CEM
000 000 00			`	CGA testing.	back in service.
SO2 ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer,
				Samuellour Silon.	communication re-established.
SO2 ppm @3% O2	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for	
				maintenance.	Maintenance complete, CEM
				maintenance.	back in service.

Total duration

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	4/23/2019 6:00 PM	11:59 PM	6 hours	Startup	Startup completed
SO2 lb/mmBtu	4/27/2019 12:00 PM	12:59 PM	1 hour	Shutdown	Shutdown completed
SO2 lb/mmBtu	5/10/2019 2:00 PM	11:59 PM	10 hours	Startup	Startup completed
SO2 lb/mmBtu	5/11/2019 12:00 AM	2:59 PM	15 hours	Startup	Startup completed
SO2 lb/mmBtu	5/13/2019 5:00 AM	7:59 AM	3 hours	Startup	Startup completed
SO2 lb/mmBtu	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
SO2 lb/mmBtu	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
SO2 lb/mmBtu	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
			40.1		

Colmac Energy SO2 lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	A - 4:
SO2 lb/hr	4/23/2019 6:00 PM	7:59 PM			Action
SO2 lb/hr	4/29/2019 6:00 PM	9:59 PM	2 hours	Startup	Startup completed
SO2 lb/hr	5/10/2019 2:00 PM	2:59 PM	4 hours	Lost communication	Communitcation restored
SO2 lb/hr	5/24/2019 7:00 AM		1 hour	Startup	Startup completed
002 10/111	5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for	CGA testing completed, CEM
SO2 lb/hr	5/24/2019 10:00 AM	CGA testing.	CGA testing.	back in service.	
	3/24/2019 10:00 AW	11:59 AM		Rebooted CeDar computer,	
SO2 lb/hr	5/30/2019 11:00 AM	12:59 PM			communication re-established
	0/00/2019 11:00 AIVI	12.59 PW	2 hours	CEM out of service for	Maintenance complete, CEM
SO2 lb/hr	6/23/2019 7:00 AM	7:59 AM		maintenance.	back in service.
	0/20/2010 7:00 AIVI	7.59 AIVI	1 hour	CEM out of service for	Maintenance complete, CEM
				maintenance.	back in service.
	Total duration	<u> </u>	15 hours		

Colmac Energy
CO ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	4/23/2019 6:00 PM	11:59 PM	6 hours	Startup	Startup completed
CO ppm @3% O2	4/24/2019 12:00 AM	2:59 AM	3 hours	Startup	Startup completed
,, -	4/27/2019 12:00 PM	12:59 PM	1 hour	Shutdown	Shutdown completed
CO ppm @3% O2	5/10/2019 2:00 PM	11:59 PM	10 hours	Startup	Startup completed
CO ppm @3% O2	5/11/2019 12:00 AM	2:59 PM	15 hours	Startup	Startup completed
CO ppm @3% O2	5/11/2019 9:00 PM	11:59 PM	3 hours	Startup	Startup completed
CO ppm @3% O2	5/12/2019 12:00 AM	2:59 AM	3 hours	Startup	Startup completed
CO ppm @3% O2	5/12/2019 12:00 AM	7:59 AM	2 hours	Startup	Startup completed
CO ppm @3% O2	5/12/2019 6:00 AM 5/13/2019 5:00 AM	7:59 AM	3 hours	Startup	Startup completed
CO ppm @3% O2		11:59 AM	2 hours	Startup	Startup completed
CO ppm @3% O2 CO ppm @3% O2	5/13/2019 10:00 AM 5/24/2019 7:00 AM	9:59 AM	3 hours	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
CO ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
CO ppm @3% O2	5/30/2019 11:00 AM	12:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy
CO lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	owntime for 4/1/2019		
CO lb/hr CO lb/hr CO lb/hr CO lb/hr CO lb/hr	4/23/2019 6:00 PM 4/24/2019 12:00 AM 4/29/2019 6:00 PM 5/10/2019 2:00 PM 5/11/2019 9:00 PM	7:59 PM 2:59 AM 9:59 PM 2:59 PM 11:59 PM	Duration 2 hours 3 hours 4 hours 1 hour	Reason Startup Startup Lost communication Startup	Action Startup completed Startup completed Communitication restored Startup completed
CO lb/hr CO lb/hr CO lb/hr CO lb/hr	5/12/2019 12:00 AM 5/12/2019 6:00 AM 5/13/2019 10:00 AM 5/24/2019 7:00 AM	2:59 AM 7:59 AM 11:59 AM 9:59 AM	3 hours 3 hours 2 hours 2 hours 3 hours	Startup Startup Startup Startup Startup CEM taken out of service for	Startup completed Startup completed Startup completed Startup completed CGA testing completed, CEM
O lb/hr	5/24/2019 10:00 AM	11:59 AM	2 hours	CGA testing. Communication error.	back in service. Rebooted CeDar computer.
CO lb/hr	5/30/2019 11:00 AM 6/23/2019 7:00 AM	12:59 PM 7:59 AM	2 hours 1 hour	CEM out of service for maintenance. CEM out of service for	communication re-established Maintenance complete, CEM back in service.
	Total duration		28 hours	maintenance.	Maintenance complete, CEM back in service.

EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Colmac Energy NOx ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	4/2/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	4/11/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	4/16/2019 9:00 AM	2:59 PM	6 hours	Startup	Startup completed
NOx ppm @3% O2	4/27/2019 1:00 PM	1:59 PM	1 hour ,	Startup	Startup completed
NOx ppm @3% O2	4/29/2019 6:00 PM	8:59 PM	3 hours	Lost communication	Communitcation restored
NOx ppm @3% O2	4/30/2019 1:00 PM	2:59 PM	2 hours	Startup	Startup completed
NOx ppm @3% O2	5/6/2019 11:00 AM	11:59 AM	1 hour	Shutdown	Shutdown completed
NOx ppm @3% O2	5/16/2019 10:00 PM	11:59 PM	2 hours	Startup	Startup completed
NOx ppm @3% O2	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed
NOx ppm @3% O2	5/18/2019 12:00 AM	12:59 AM	1 hour	Startup	Startup completed
NOx ppm @3% O2	5/24/2019 7:00 AM	7:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx ppm @3% O2	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
NOx ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
NOx ppm @3% O2	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	6/2/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
NOx ppm @3% O2	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

Colmac Energy NOx lb/mmBtu CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	A
NOx lb/mmBtu	4/2/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for	Action
NOx lb/mmBtu	4/11/2019 6:00 AM	6:59 AM	1 hour	maintenance. CEM out of service for	Maintenance complete, CEM back in service.
NOx Ib/mmBtu	4/16/2019 9:00 AM 4/27/2019 1:00 PM 4/29/2019 6:00 PM 4/30/2019 1:00 PM 5/6/2019 11:00 AM 5/16/2019 10:00 PM 5/17/2019 12:00 AM	2:59 PM 1:59 PM 8:59 PM 2:59 PM 11:59 AM 11:59 PM 11:59 PM	6 hours 1 hour 3 hours 2 hours 1 hour 2 hours	maintenance. Startup Startup Lost communication Startup Shutdown Startup Startup Startup	Maintenance complete, CEM back in service. Startup completed Startup completed Communitication restored Startup completed Shutdown completed Startup completed Startup completed Startup completed
NOx lb/mmBtu	5/18/2019 12:00 AM 5/24/2019 7:00 AM	12:59 AM 7:59 AM	1 hour 1 hour	Startup CEM taken out of service for	Startup completed CGA testing completed, CEM
NOx lb/mmBtu	5/24/2019 9:00 AM	9:59 AM	1 hour	CGA testing. CEM taken out of service for	back in service. CGA testing completed, CEM
NOx lb/mmBtu	5/24/2019 10:00 AM	11:59 AM	2 hours	CGA testing. Communication error.	back in service. Rebooted CeDar computer.
NOx lb/mmBtu	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	communication re-established Maintenance complete, CEM
NOx lb/mmBtu	6/2/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	back in service. Maintenance completed, CEM
IOx lb/mmBtu	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	back in service. Maintenance complete, CEM back in service.
Т	otal duration		49 hours		

49 hours

Colmac Energy NOx lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	Action	
NOx lb/hr	4/2/2019 10:00 AM 10:59 AM 1 hour CEM out of service for maintenance.			Maintenance complete, CEM back in service.		
NOx lb/hr	4/11/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
NOx lb/hr	4/16/2019 9:00 AM	9:59 AM	1 hour	Startup	Startup completed	
NOx lb/hr	4/29/2019 6:00 PM	8:59 PM	3 hours	Lost communication	Communitcation restored	
NOx lb/hr	5/16/2019 10:00 PM	11:59 PM	2 hours	Startup	Startup completed	
NOx lb/hr	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed	
NOx lb/hr	5/18/2019 12:00 AM	12:59 AM	1 hour	Startup	Startup completed	
NOx lb/hr	5/24/2019 7:00 AM	7:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.	
NOx lb/hr	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.	
NOx lb/hr	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.	
NOx lb/hr	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
NOx lb/hr	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
NOx lb/hr	6/22/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	

Total duration

42 hours

Colmac Energy SO2 ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

/2019 thru 6/30/2019 Reason	
	Action
CEM out of service for maintenance. CEM out of service for	Maintenance complete, CEM back in service.
maintenance. Startup Startup Lost communication Startup Shutdown Startup Startup Startup Startup	Maintenance complete, CEM back in service. Startup completed Startup completed Communitication restored Startup completed Shutdown completed Startup completed Startup completed Startup completed Startup completed Startup completed
CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
CEM taken out of service for CGA testing. Communication error. CEM out of service for	CGA testing completed, CEM back in service.
	Rebooted CeDar computer, communication re-established.
maintenance. CEM out of service for	Maintenance complete, CEM back in service.
maintenance.	Maintenance complete, CEM back in service.
CEM out of service for maintenance. CEM out of service for maintenance.	Maintenance completed, CEM back in service. Maintenance complete, CEM back in service.
ma CE	aintenance. EM out of service for

Colmac Energy SO2 lb/mmBtu CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start End Duration Reason		Reason	Action	
SO2 lb/mmBtu	4/2/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	4/11/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	4/16/2019 9:00 AM	2:59 PM	6 hours	Startup	Startup completed
SO2 lb/mmBtu	4/27/2019 1:00 PM	1:59 PM	1 hour	Startup	Startup completed
SO2 lb/mmBtu	4/29/2019 6:00 PM	8:59 PM	3 hours	Lost communication	Communitcation restored
SO2 lb/mmBtu	4/30/2019 1:00 PM	2:59 PM	2 hours	Startup	Startup completed
SO2 lb/mmBtu	5/6/2019 11:00 AM	11:59 AM	1 hour	Shutdown	Shutdown completed
SO2 lb/mmBtu	5/16/2019 10:00 PM	11:59 PM	2 hours	Startup	Startup completed
SO2 lb/mmBtu	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed
SO2 lb/mmBtu	5/18/2019 12:00 AM	12:59 AM	1 hour	Startup	Startup completed
SO2 lb/mmBtu	5/24/2019 7:00 AM	7:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
SO2 lb/mmBtu	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.
SO2 lb/mmBtu	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.
SO2 lb/mmBtu	5/30/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	6/2/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance completed, CEM back in service.
SO2 lb/mmBtu	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.

Total duration

50 hours

Colmac Energy SO2 lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Reason	
SO2 lb/hr	4/2/2019 10:00 AM	10:59 AM			Action
SO2 lb/hr	4/11/2019 6:00 AM	6:59 AM	1 hour 1 hour	CEM out of service for maintenance. CEM out of service for	Maintenance complete, CEM back in service. Maintenance complete, CEM
602 lb/hr 602 lb/hr 602 lb/hr 602 lb/hr 602 lb/hr 602 lb/hr	4/16/2019 9:00 AM 4/29/2019 6:00 PM 5/16/2019 10:00 PM 5/17/2019 12:00 AM 5/18/2019 12:00 AM 5/24/2019 7:00 AM	9:59 AM 8:59 PM 11:59 PM 11:59 PM 12:59 AM 7:59 AM	1 hour 3 hours 2 hours 24 hours 1 hour 1 hour	maintenance. Startup Lost communication Startup Startup Startup Startup CEM taken out of service for	back in service. Startup completed Communitication restored Startup completed Startup completed Startup completed CGA testing completed, CEM
SO2 lb/hr	5/24/2019 9:00 AM	9:59 AM	1 hour	CGA testing. CEM taken out of service for	back in service. CGA testing completed, CEM back in service. Rebooted CeDar computer, communication re-established. Maintenance complete, CEM
SO2 lb/hr	5/24/2019 10:00 AM	11:59 AM	2 hours	CGA testing. Communication error.	
602 lb/hr 602 lb/hr	5/30/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	
602 lb/hr	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	back in service. Maintenance complete, CEM back in service.
602 lb/hr	6/22/2019 8:00 AM 6/22/2019 11:00 AM	8:59 AM 1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
			3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		43 hours		

Colmac Energy CO ppm @3% O2 CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start End Duration Reason		Reason	Action		
CO ppm @3% O2	4/2/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO ppm @3% O2	4/11/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO ppm @3% O2	4/16/2019 9:00 AM	2:59 PM	6 hours	Startup	Startup completed	
CO ppm @3% O2	4/16/2019 4:00 PM	6:59 PM	3 hours	Startup	Startup completed	
CO ppm @3% O2	4/27/2019 1:00 PM	2:59 PM	2 hours	Startup	Startup completed	
CO ppm @3% O2	4/29/2019 6:00 PM	8:59 PM	3 hours	Lost communication	Communitcation restored	
CO ppm @3% O2	4/30/2019 1:00 PM	2:59 PM	2 hours	Startup	Startup completed	
CO ppm @3% O2	4/30/2019 5:00 PM	5:59 PM	1 hour	Startup	Startup completed	
CO ppm @3% O2	5/3/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO ppm @3% O2	5/6/2019 11:00 AM	11:59 AM	1 hour	Shutdown	Shutdown completed	
CO ppm @3% O2	5/16/2019 10:00 PM	11:59 PM	2 hours	Startup	Startup completed	
CO ppm @3% O2	5/17/2019 12:00 AM	11:59 PM	24 hours	Startup	Startup completed	
CO ppm @3% O2	5/18/2019 12:00 AM	2:59 AM	3 hours	Startup	Startup completed	
CO ppm @3% O2	5/24/2019 7:00 AM	7:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.	
CO ppm @3% O2	5/24/2019 9:00 AM	9:59 AM	1 hour	CEM taken out of service for CGA testing.	CGA testing completed, CEM back in service.	
CO ppm @3% O2	5/24/2019 10:00 AM	11:59 AM	2 hours	Communication error.	Rebooted CeDar computer, communication re-established.	
CO ppm @3% O2	5/30/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO ppm @3% O2	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	
CO ppm @3% O2	6/2/2019 6:00 AM	7:59 AM	2 hours	CEM out of service for maintenance.	Maintenance completed, CEM back in service.	
CO ppm @3% O2	6/22/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.	

Total duration

59 hours

Colmac Energy CO lb/hr CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Dwntime for 4/1/201 Duration		
CO lb/hr	4/2/2019 10:00 AM			Reason	Action
CO lb/hr	4/11/2019 6:00 AM	10:59 AM 6:59 AM	1 hour 1 hour	CEM out of service for maintenance. CEM out of service for	Maintenance complete, CEM back in service.
CO lb/hr	4/16/2019 9:00 AM 4/16/2019 4:00 PM 4/27/2019 1:00 PM 4/29/2019 6:00 PM 4/30/2019 5:00 PM 5/3/2019 9:00 AM 5/6/2019 11:00 AM 5/16/2019 10:00 PM 5/17/2019 12:00 AM	9:59 AM 6:59 PM 2:59 PM 8:59 PM 5:59 PM 9:59 AM 11:59 AM 11:59 PM 2:59 AM	1 hour 3 hours 2 hours 3 hours 1 hour 1 hour 2 hours 24 hours 3 hours	maintenance. Startup Startup Startup Lost communication Startup CEM out of service for maintenance. Shutdown Startup Startup Startup Startup Startup	Maintenance complete, CEN back in service. Startup completed Startup completed Startup completed Communitcation restored Startup completed Maintenance complete, CEM back in service. Shutdown completed Startup completed Startup completed Startup completed
CO lb/hr	5/24/2019 7:00 AM 5/24/2019 9:00 AM	7:59 AM 9:59 AM	1 hour	CEM taken out of service for CGA testing. CEM taken out of service for	CGA testing completed, CEM back in service. CGA testing completed, CEM back in service. Rebooted CeDar computer,
CO lb/hr	5/24/2019 10:00 AM	11:59 AM	2 hours	CGA testing. Communication error.	
CO lb/hr	5/30/2019 10:00 AM	10:59 AM	1 hour	CEM out of service for maintenance.	communication re-established Maintenance complete, CEM
CO lb/hr	5/30/2019 12:00 PM	12:59 PM	1 hour	CEM out of service for maintenance.	back in service. Maintenance complete, CEM
CO lb/hr	6/2/2019 6:00 AM 6/22/2019 8:00 AM	7:59 AM	2 hours	CEM out of service for maintenance.	back in service. Maintenance completed, CEM back in service.
O lb/hr	6/22/2019 11:00 AM	8:59 AM 1:59 PM	1 hour 3 hours	CEM out of service for maintenance. CEM out of service for maintenance.	Maintenance complete, CEM back in service. Maintenance complete, CEM back in service.
Total	duration		55 hours		Sack in Service.

EMISSIONS DOWNTIME REPORT STACK CEMS

Boilers Stack CEMS Downtime

Colmac Energy Opacity % 6-Min Avg CEMS Downtime for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration		
Opacity % 6-Min Avg	4/29/2019 6:24 PM 4/29/2019 7:06 PM 4/29/2019 8:06 PM 4/29/2019 9:06 PM 5/24/2019 9:18 AM	6:59 PM 7:59 PM 8:59 PM 9:17 PM 9:59 AM	36 minutes 54 minutes 54 minutes 12 minutes 42 minutes	Reason Lost communication Lost communication Lost communication Lost communication Communication error.	Action Communitication restored Communitication restored Communitication restored Communitication restored Reported Configuration
Opacity % 6-Min Avg	5/24/2019 10:06 AM	10:59 AM	54 minutes	Communication error.	Rebooted CeDar computer, communication re-established Rebooted CeDar computer,
Opacity % 6-Min Avg	5/24/2019 11:06 AM	11:23 AM	18 minutes	Communication error.	communication re-established Rebooted CeDar computer.
Opacity % 6-Min Avg	5/28/2019 1:36 PM	2:53 PM	1 hour, 18 minutes	Opacity monitor out of service for maintenance.	communication re-established
Tot	al duration		5 hours, 48 minutes		

5 hours, 48 minutes

EXCESS EMISSIONS REPORTS BOILER #1 CEMS

Colmac Energy
NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

		_		LVCC39 L	11112210112	10r 4/1/2	019 thru	L6/30/2019	
Parameter	Start	End							•
	Otart	<u> </u>	Duration	Value	Min	Max	Limit	Reason	
T/2 2	-					1110/	LITTLE	Reason	Action
i nere are no exi	cess emissions for t	hio ronart							

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
									and the second s

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

				3/-1	A dim	Max	Limit	Reason	Action
Deservator	Start	End	Duration	Value	Min	Max	LITTIL	Neason	7 (0.101)
Parameter	Start								

Colmac Energy NOx lbs/day Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	01		ay Lacess E	missions 1	for 4/1/20	019 thru 6	3/30/201	9	
. didineter	Start	End	Duration	Value	Min	Max	Limit	D	
There are no ex	cess emissions for t	his report				IVIGA	LITTIL	Reason	Action
		me report.							

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

	302	ppin @070 OZ							
Davagatas	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
Parameter	Start								

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Stort	11 @3% O2 30							
There are no exc	Gtart	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

302 lb/11111btd 66 GGD 1 tig 1 tig 2									
Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter		02 10/111 0-111	2 18/11 3-11 Rolling Excess Emissions for 4/1/2019 thru 6/30/2019								
	Start	End	Duration	Value	Min	Max	Limit				
There are no ex	cess emissions for	this report.				·····	LITTIL	Reason	Action		

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

							1 1 14	D	Action
	O		Duration	Value	Min	Max	Limit	Reason	ACION
Parameter	Start	⊨nd	Duration	value	171111	IVICIA		11000011	
raiailletei	Otart								

Colmac Energy CO lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

			· · · · · · · · · · · · · · · · · · ·		7113 IUI 4	/ 1/2019 (I	11 u 0/30	/2019		
Parameter	Start	End	D							
		End	Duration	Value	Min	Max	Limit	Danser		
						WILL		Reason	Action	
I here are no exc	CASS Amissions for t	hia range								_

EXCESS EMISSIONS REPORTS BOILER #2 CEMS

Colmac Energy
NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

***************************************			D	1/-1	h 4:	Max	Limit	Reason	Action
Parameter	Start	⊨na	Duration	Value	Min	Max	Limit	Reason	Action
i didilicio	Start								

	NOx	(lb/mmbtu 30 §	SOD Rlg Avg	Colmac E	nerav			. 6/30/2010	
Parameter	Start	End	Duration	Value	Min	Max			
There are no e	xcess emissions fo	r this report				IVIAX	Limit	Reason	Action

Colmac Energy
NOx lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action	

Colmac Energy NOx lbs/day Excess Emissions for 4/1/2019 thru 6/30/2019

_								-		
Parameter	Ctont									
i didificioi	Start	End	Duration	Value	B.41					
		2.,0	Duration	value	Mın	Max	Limit	Reason	A - (* .	
						max		11642011	Action	

Colmac Energy SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Danamatan	Ctort :	End	Duration	Value	Min	Max	Limit	Reason	Action
Parameter	Start	LIIU	Daration	Value		111007			

Colmac Energy SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

Dansarati			g / .	·9 LACCSS	LI1115510	115 IOF 4/1	1/2019 tr	าru 6/30/201	19	
Parameter	Start	End	Duration	Mali						
		2110	Duration	Value	Min	Max	Limit	Reason	Action	
There are no ex	cess emissions for th	is report							Action	

Colmac Energy SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
i arameter	Otart								

Colmac Energy SO2 lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter		302 ID/III 3-HI	Rolling Exce	ess Emissi	ions for 4	1/1/2019 t	thru 6/30	0/2019	
T arameter	Start	End	Duration	Value	Min	Max	Limit		
There are no ex	cess emissions for	this report.				Wax	Limit	Reason	Action

Colmac Energy
CO ppm @3% O2 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

							1 ::4	Dagger	Action
Danamatas	Ctort	End	Duration	Value	Min	Max	Limit	Reason	Action
Parameter	Start	Lila	Daidion						

Colmac Energy
CO lb/hr 3-Hr Rolling Excess Emissions for 4/1/2019 thru 6/30/2019

Parameter			ishing Excess Emissions for 4/1/2019 thru 6/30/2019								
i didilielei	Start	End	Duration	Value	Min	Max	Limit				
There are no ex	cess emissions for	this report.				Wax	LIHIL	Reason	Action		

EXCESS EMISSIONS REPORTS STACK CEMS

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 3-Min Avg Excess Emissions for 4/1/2019 thru 6/30/2019

			•			, 1,2010 1	111 U 0/30	12019	
Parameter	Start	F4	5						
	- Ctart	⊨nd	Duration	Value	Min	Max	Limit	Danner	
						IVIGA	LITTIE	Reason	Action
There are no ex	cess emissions for	r thin was and							

Boilers Stack Excess Emissions

Colmac Energy
Opacity % 6-Min Avg Excess Emissions for 4/1/2019 thru 6/30/2019

			0		0110 101 T	/ 1/20 13 ti	11 U 0/30	/2019	
Parameter	Start	End	Dunation						
		Liiu	Duration	Value	Min	Max	Limit	Reason	Action
There are no evi	cass omiggians for	461							Action